96

ANNUAL REPORT

of the

HEALTH

of the

CITY OF SHEFFIELD

For the Year 1912.

HAROLD SCURFIELD, M.D., C.M.,

Medical Officer of Health.

Lent to Prof.Greenwood,
School of Hygiene.

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City of Sheffield.

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,, A. TRUELOVE.

CHANGES DURING YEAR.

Councillor A. TRUELOVE ceased to be a member during 1912.

Councillor T. P. STOKES was elected a member during 1912.

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Department of the Medical Officer of Health,
Town Hall, Sheffield,
September, 1913.

To the Chairman and Members of the Health Committee.

Gentlemen,

From a public health point of view, 1912 was a pleasingly uneventful year. The mortality from most of the infectious diseases was distinctly below the average of the last decade, Whooping Cough being one of the exceptions. An epidemic of Measles began in September and greatly increased in extent during the remaining months of the year.

Population.

The number of persons enumerated in the County Borough of Sheffield as it existed at the time of the census 1911 was 454,632, but by the Sheffield (Extension) Order 1911, which came into operation on 1st April, 1912, Sheffield County Borough was extended to include part of the Rotherham Rural District. The figures at the date of the census for the County Borough and its extension were—males, 227,040 ; females, 232,876 ; total 459,916. The mean estimated population of the extended County Borough for 1912 was 466,408, the population of the Tinsley Extension being estimated at 5,759.

In order to obtain a population figure upon which to base the year's calculations, one fourth of the Tinsley figure has been deducted, as the returns with regard to the births and deaths in that area are for nine months only, *i.e.*, from April 1st to December 31st, 1912. The figure thus obtained is 464,968.

Births.

The number of births registered in the City during the year was 12,902, and the transferable births numbered 6 inwards and 21 outwards. The nett births recorded therefore, were 12,887.

This figure gives a birth-rate of 27 ·7 per 1,000 persons living. The average rate for the previous 10 years was 31 ·2. The annual rates were as follows :—

1902	...	33 ·6	1907	...	32 ·3
1903	...	33 ·6	1908	...	32 ·3
1904	...	32 ·7	1909	...	29 ·8
1905	...	30 ·6	1910	...	28 ·1
1906	...	31 ·1	1911	...	27 ·7

It will be seen that the birth-rate for 1912 is the same as that for the previous year, and 3 ·5 lower than the average for the last decade ; the other years most nearly approaching 1912 being 1909 and 1910, which had rates of 29 ·8 and 28 ·1 respectively per 1,000 persons living.

Deaths.

The number of deaths of Sheffield residents during the year, after making correction for transferable deaths occurring in public institutions and elsewhere was 6,661. This gives a death-rate of 14 ·3 per 1,000 persons living, which is next to the lowest rate yet recorded. The lowest was 14 ·2 in 1910.

Small Pox.

There was no case of small pox notified during the year.

Measles.

The death rate was 0 ·41 per 1,000 living, which is 0 ·25 below the average for the previous decade

Of the 189 deaths recorded, 168 occurred during the last quarter of the year. Measles began to be epidemic in September. The number of deaths in the four weeks ending September 28th was 10, in the four weeks ending October 26th was 27, in the four weeks ending November 23rd was 56, in the four weeks ending December 21st was 56, and in the remaining 10 days of the year was 28. The highest number of deaths in any one week was 21, namely, in the week ended December 21st.

The death rates for the previous 10 years were as follows :—

1902	17 ·0	1907	17 ·8
1903	19 ·0	1908	16 ·6
1904	17 ·2	1909	15 ·9
1905	17 ·6	1910	14 ·2
1906	17 ·3	1911	16 ·1

The disease was of a much less virulent type than in the previous epidemic, which was at its height in March of 1911. During this previous epidemic there were as many as 84 and 97 deaths respectively in the two weeks ending March 4th and March 11th. The interval between the last epidemic of Measles and the present one has been about 18 months. In recent years the inter-epidemic period has been similar in duration. Thus since 1902 we have had a consistent alternation of high and low death-rates from Measles. Previous to 1902 the death-rate from Measles remained fairly steadily at about 0 ·5 per 1,000 every year.

The following are the death-rates from Measles per 1,000 of the population during recent years. :—

1894	0 ·50	1903	0 ·80
1895	0 ·54	1904	0 ·08
1896	0 ·59	1905	0 ·97
1897	0 ·55	1906	0 ·17
1898	0 ·49	1907	0 ·88
1899	0 ·60	1908	0 ·24
1900	0 ·53	1909	0 ·95
1901	0 ·55	1910	0 ·26
1902	0 ·45	1911	1 ·73
		1912	0 ·41

One Babies' Class and the Infants' Departments of 16 schools were closed for a period during October, November and December on account of the prevalence of Measles.

Scarlet Fever.

The death rate from Scarlet Fever was 0 ·08 per 1,000 of the population, which has to be compared with 0 ·06 for 1911, and an average of 0 ·19 for the decade 1902-1911.

The attack rate was 3 ·8 per 1,000—slightly higher than in 1910 and 1911 which were the lowest since 1895. The average attack-rate for the decade 1902-1911 was 5 ·25 per 1,000 persons living per annum.

The history of Scarlet Fever in Sheffield has been in recent years something as follows. The mortality from this disease was low in 1894 and 1895, and high in 1896 and 1897. There was a decline in 1898, and a rise again in 1899. It remained low from 1900 to 1902, and then became high during the five years 1903-1907, the climax being reached in 1906, when the death rate was 0 ·53. During the last five years the mortality from this disease has been less than in any of the previously mentioned years.

Diphtheria.

The death-rate from Diphtheria was 0 ·11 per 1,000 of the population. This rate is the same as for 1911 although somewhat higher than those for 1910, 1909, and 1908, but ranks with these years as the lowest rates recorded since the year 1887, when the rate was 0 ·06.

The number of cases of sickness reported was 547, which is the highest number since the year 1906 and is 39 above the average of the previous 10 years.

WHOOPING COUGH.

The mortality from this disease was at the rate of 0 ·41 per 1,000 living, which is 0 ·27 above that for 1911 and 0 ·08 above the average for the previous 10 years.

TYPHOID FEVER.

The number of Typhoid Fever cases notified during the year was 165, which is less than the previous year's total by 86, and was only 39 above that for 1910, which was the smallest for any year since notification was introduced in 1889.

The death rate for 1911 was 0 ·08 per 1,000, which has to be compared with 0 ·09 for the previous decade.

It will be noticed that although the cases were fewer than in 1911, the death-rate was higher. The following quotation from last year's Annual Report gives the explanation of this fact :—

> " The increase in the Typhoid Fever cases is not surprising owing to the exceptionally hot summer. " Towards the close of the year there was an unusual number of cases in which a history was obtained that " the patient had eaten raw mussels before the illness developed.
>
> " There were 58 cases of Typhoid Fever notified in December, 1911, as compared with 15 in " the December of 1910. From this it will be seen that the full effect of the increase of Typhoid Fever " in 1911 is not shown in the death-rate for 1911, but will in part be shown in the death rate for 1912."

During 1912 there was not the same reason to attribute cases of Typhoid Fever to the consumption of raw mussels. Owing to the occurrence of the suspicious cases in 1911 steps were taken to prevent mussels from polluted beds coming into Sheffield.

DIARRHŒA AND ENTERITIS.

The death rate from Diarrhœa and Enteritis during 1912 was 0 ·4 per 1,000 living. This has to be compared with 1 ·34 for 1911.

The low incidence of Diarrhœa was to be expected owing to the cold, wet summer. In this respect 1912 showed a great contrast with the previous year. The absence of summer heat in 1912 is well shown by the readings of the 4-foot ground thermometer ; this never reached 56 degrees during 1912, and was for only 8 weeks over 55 degrees. During 1911 on the other hand, the 4-foot thermometer was for 5 weeks over 58 degrees.

The following table shows the average soil temperature during August, and the total Diarrhœa deaths during the period from the end of June to the end of October during the past 15 years :—

YEAR.	Average Soil Temperature at a depth of 4 feet during August.	Total Deaths from Diarrhœa and Enteritis June to October.
1898	55 ·5	935
1899	57 ·5	884
1900	57 ·3	867
1901	57 ·6	964
1902	54 ·4	338
1903	55 ·1	739
1904	56 ·6	678
1905	56 ·7	791
1906	56 ·2	923
1907	54 ·8	535
1908	55 ·8	526
1909	55 ·4	372
1910	55 ·5	430
1911	58 ·3	607
1912	55 ·5	186

CEREBRO-SPINAL FEVER.

During the year there were 8 notified cases of Cerebro-spinal Fever and 3 deaths from this cause.

ACUTE POLIOMYELITIS.

40 cases of Acute Poliomyelitis were notified and three deaths were recorded from this disease.

TUBERCULOUS DISEASES.

The death-rate from all Tuberculous Diseases was 1·67 per 1,000 persons living. During the decade, 1902-1911, the rate was 1·69. The deaths from Tuberculosis of the Lung alone gave a rate of 1·28 per 1,000 as compared with 1·18 for the preceding decade.

981 new cases of sickness were notified during the year, as compared with 836 in 1911, 667 in 1910, 712 in 1909. and 793 in 1908

It has always been recognised that cases of Tuberculosis of the Lung are not notified at a very early stage in Sheffield. Thus the number of cases on the books is only about three times the number of deaths. If all the cases were notified at an early stage, the number of cases on the books would be at least four times the number of deaths.

It is probable that the increase of notifications during the years 1911 and 1912 is due to cases being notified at an earlier stage as the result of the operations of the Tuberculosis Dispensary in examining "contacts," and to the fact that consumptives are beginning to take a more hopeful view of the treatment of their complaint whether by Tuberculin or the Sanatorium, or by both combined.

The death-rates from all Tuberculous Diseases during the last 13 years were as follows:—

1900	2·03	1906	1·52
1901	2·07	1907	1·70
1902	1·80	1908	1·78
1903	2·11	1909	1·57
1904	1·88	1910	1·39
1905	1·64	1911	1·59
1912	1·67		

INFANT MORTALITY.

The Infant Mortality rate for 1912 was 107 per 1,000 children born, which constitutes a "record" and which, like the rates for 1911 and 1909, comes unusually near to the figure for England and Wales for the corresponding period.

In 1911 the difference between the English and Sheffield figures was only 11; in previous years, with the exception of 1909, it has usually been 20, 30 or more.

The following table shows the Infantile Mortality rates for the past 15 years in the City of Sheffield, and the excess over the English rate for each year.

Year.	Infant Mortality.	Excess over English rate.	Year.	Infant Mortality.	Excess over. English rate.
1897	196	40	1905	166	38
1898	195	35	1906	158	26
1899	194	31	1907	145	27
1900	200	46	1908	141	21
1901	202	51	1909	119	10
1902	150	17	1910	127	22
1903	181	49	1911	141	11
1904	158	13	1912	107	12

Although there is still much room for improvement it is satisfactory to be able to say that the Sheffield Infant Mortality rate has decreased more than the rate for the country as a whole, and that our rate in recent years has approached the English rate more nearly than formerly.

There are signs of a general awakening to the fact that infant management requires much more scientific study than has been hitherto given to it and that the movement ought to begin in the medical schools.

Position of Sheffield among the 44 Largest Towns.

Table IX. shows that Sheffield during 1912 was 10th from the highest for birth-rate, 28th from the lowest for death-rate from all causes, and 26th from the lowest for infant mortality and for the death-rate from diarrhœa and enteritis under two years of age.

Sale of Food and Drugs Acts.

Table XXXVIII. shows that the percentage of adulteration was 8. as compared with 6¼7 for the previous year.

Every effort is made to get at the really guilty party, even in cases where the vendor has omitted to protect himself by obtaining a warranty.

Two cases during the year showed the value of co-operation between Authorities in tracing the fraud to its source.

In the case of a milk vendor whose samples when taken contained added water, notice was given to the Inspector that the milk was sold exactly as received from the farmer, who lived in the same Derbyshire village as the vendor. The samples were afterwards taken from the farmer by the Derbyshire County Council Inspector and upon analysis were found to contain added water. The farmer was fined £10, and £1 0s. 0d. costs. The retail vendor of this farmer's supply was summoned before the Sheffield bench, and the facts being laid before the Magistrates, the case was withdrawn on the payment of 10s. costs.

A case similar to the foregoing was brought to the notice of the Medical Officer of Health for the West Riding of Yorkshire. A sample was taken by the West Riding authority and the farmer fined 50s.

The following particulars relate to another case :—

A sample of butter was taken from a retail grocer and upon analysis was found to consist of margarine. The vendor on hearing that the sample was wrong informed the inspector that he had borrowed the material from which the sample had been taken for his temporary accommodation from a shop in the neighbourhood kept by a widow. A sample of butter was then taken from the widow's shop and it was found to consist of margarine. The inspector arranged for this last-named shopkeeper to order her usual supply of goods from the wholesale dealer and in this way a sample of butter was obtained as it was delivered by the wholesale dealer. This sample also consisted of margarine. Proceedings were instituted and the wholesale dealer was fined £10 ; and a successful action was brought in the County Court by the shopkeeper for damages against the wholesale dealer, she receiving £14.

A history also attaches to some of the pepper samples taken :—

In one instance a traveller visiting very small shops within the City was selling pickles, baking powder, pills, drugs and pepper. In this capacity he would visit the shops one day for orders, purchase his goods the next day at some wholesale dealers in the City, take them to his private house and prepare them for delivery. Samples of the goods so supplied were taken by the inspector from small shop-keepers in the City and were found to be adulterated with ground rice, and proceedings were instituted against the vendors. The shop-keepers gave a description of the traveller who supplied them. The inspector shadowed the traveller to several shops and had an opportunity of ascertaining as to what trade he was transacting with the shop-keepers. He succeeded in purchasing a sample direct from the traveller as he was delivering pepper to a shopkeeper. The proceedings in this case were instituted under the Sale of Food and Drugs Act, 1865 (section 6). The man was afterwards prosecuted for obtaining money by false pretences. The Recorder at the Quarter Sessions made the observation that it was the first case of its kind upon which he had adjudicated, and that it was a very serious offence taking into consideration the fact that the prisoner had been deceiving the poorest of shopkeepers, and rendering them liable to be penalised through no fault of their own. The prisoner was sentenced to four months' imprisonment with hard labour.

Several milk vendors who were prosecuted during the year 1912 have either left the town or given up the milk business.

Milk Supply.

There were in the City, in 1912, 221 dairy farms housing about 2,400 cows. The dairy farms were regularly inspected by the Veterinary Surgeons and the nuisances found on them were dealt with by the Inspectors of Nuisances. During the year 18 cows with tuberculous udders were found by the Veterinary Surgeons in the City cowsheds.

9 cases of infectious disease, namely, 7 cases of Scarlet Fever, one case of Diphtheria, and one case of Typhoid Fever were notified at dairy farms or dairies. In every case the patient was removed to the City Hospital, and in no case did infection of the milk occur.

In cases where a person suffering from infectious disease is removed from the premises of a dairy-farm or dairy, arrangements are made that the patient on leaving the hospital at the termination of the illness, should go to some other address for a period, if possible, of one month. This is done for the greater security of the milk supply.

PREVENTION AND TREATMENT OF TUBERCULOSIS.

TABLE A.—TUBERCULOUS DISEASES—SHEFFIELD.

Deaths in City and in Workhouse Hospitals, together with percentage, death-rates, &c., during years 1889 to 1912.

YEAR.	DEATHS FROM PHTHISIS (Chiefly Tuberculosis of Lung).		Percentage of Phthisis Deaths occurring in Workhouse Hospitals.	Death-rate per 100,000 persons living.			Deaths of Notified "Consumptives" classified under other Causes.
	In Workhouse Hospitals.	In whole City.		Phthisis (chiefly Tuber. of Lung)	Tuber. Diseases other than Phthisis.	All Forms of Tuber. Diseases.	
1889	62	552	11 ·2	168	89	257	...
1890	75	618	12 ·1	192	79	271	...
1891	81	551	14 ·7	169	85	254	...
1892	59	459	12 ·9	139	86	225	...
1893	74	552	13 ·4	165	79	244	...
1894	72	502	14 ·3	147	64	211	...
1895	76	473	16 ·1	136	91	227	...
1896	56	453	12 ·4	128	60	188	...
1897	90	522	17 ·2	146	55	201	...
1898	98	448	21 ·9	123	60	183	...
*1899	117	502	23 ·4	136	74	210	...
1900	135	539	25 ·0	143	59	202	...
1901	142	580	24 ·5	141	66	207	...
1902	121	491	24 ·6	118	62	181	...
†1903	142	573	25 ·4	136	75	211	...
1904	154	536	28 ·7	127	62	188	12
1905	135	490	27 ·6	115	49	164	17
1906	126	452	27 ·9	105	47	152	21
1907	146	524	28 ·0	120	50	170	24
1908	214	564	37 ·9	128	50	178	17
1909	174	524	33 ·3	117	40	156	13
1910	166	455	36 ·5	101	38	139	15
1911	193	557	34 ·6	122	37	159	16
1912	211	595	35 ·5	128	39	167	10

* 1899. Voluntary Notification introduced November, 1899.

† 1903. Compulsory Notification introduced November, 1903.

The scheme for dealing with Tuberculosis continues to develop satisfactorily.

There are about 150 beds available for cases of Tuberculosis of the Lungs at the Winter Street, Commonside, and Crimicar Lane Corporation hospitals, and it is hoped that a residential school for 40 tuberculous children at Whiteley Woods and the Edward VII. Memorial Cripples' Home to accommodate 130 children will soon be added to the institutions dealing with this disease.

The headquarters of the dispensary are temporarily in two flats belonging to the Corporation in Hawley Street.

Tuberculin is being extensively used in the treatment at the Dispensary. For a hopeful case the usual procedure is to have about six weeks' indoor treatment at one of the hospitals, during which time the course of tuberculin is probably begun, and for this to be followed after discharge from hospital by attendance as an out-patient at the Dispensary for 9 to 12 months, during which the course of tuberculin is completed. For the convenience of the patients and to avoid crowding in the waiting rooms, each patient attends by appointment at a stated time. So far as can be judged at present the results obtained by a short period of sanatorium treatment followed by a prolonged out-patient course of tuberculin treatment are better than those formerly obtained by a prolonged course of sanatorium treatment alone. If further experience confirms this view, the effect financially on the tuberculosis scheme will obviously be very important.

The controversy on the subject of tuberculin treatment has been somewhat heated and there has been a tendency in some quarters to condemn the treatment without trial on theoretical grounds alone.

It is to be hoped that many observers will in the near future give the methods of tuberculin treatment, which have been recorded as giving satisfactory results, a prolonged and extensive trial, as it is only by such means that we shall arrive at the truth of the matter.

I append a statement prepared by Dr. Rennie.

Statement Prepared by Dr. J. Rennie, Tuberculosis Medical Officer, with Regard to Tuberculin Treatment in Sheffield.

It is obvious that the economic importance of the tuberculin treatment of pulmonary tuberculosis will be enormous if unbiased and carefully controlled results as to the success of such dispensary treatment can be furnished.

If for 4, 6, or 8 months' sanatorium treatment we can substitute a preliminary course of from 6 to 8 weeks' life at a sanatorium (for its hygienic educational value and for the purpose of increasing the potential responsive power of the individual patient), to be followed by a course of 8 to 12 months' tuberculin treatment as an out-patient at the Tuberculosis Dispensary undergone while the greater number of these patients are following their employment and playing their part as useful citizens, the gain to our tuberculosis scheme will be greatly enhanced, not only from the financial standpoint, but also from the point of view of that *bete-noire* of sanatorium success—the after-care problem.

Such a scheme has been in vogue in Sheffield for about two years, having been begun under Dr. John E. Chapman.

Altogether, 353 patients have been under tuberculin treatment, and the records have been extremely encouraging as regards the immediate results, of which we can only, of course, speak at present.

As there may always be raised the criticism of diagnostic error, or at least diverse opinion as to what signs and symptoms are sufficient to warrant the diagnosis of early phthisis, we have made an analysis of the records of 52 patients whose sputum at the time of commencement of treatment was found to contain tubercle bacilli, and who have finished a complete course of tuberculin treatment.

The tuberculin administration has been in no sense haphazard. The tuberculins used, with the minimal and maximal doses are noted in the table recording the results, and increase in dosage is usually in geometrical progression. There has been a continuity of treatment all through, and this definite system of dosage has been adhered to in so far as has been compatible with the individual treatment of the patient.

As there is still such a divergence of opinion as to what criteria should be accepted in order to gauge the success of any mode of treatment, we have preferred to submit a detailed account of the complete clinical records.

Of the 52 patients under consideration, 35 are males and 17 females. Using Turban's classification 14 belong to Stage I., 21 to Stage II., and 17 to Stage III.

The average period of sanatorium residence was 8 ·2 weeks, while the average length of the tuberculin course extended over 12 ·2 months.

I think we are safe in saying that all the cases, except 2 showed considerable and often surprising improvement, both as regards general condition and physical signs.

Naturally, all the patients had gained considerable weight during their short sanatorium residence, but we find on comparing their weights at the end of tuberculin treatment with those when they first came under observation, that there was then an average increase of 3 ·9 kilos.

As regards those showing an improved lung condition we have distinguished two classes. In those considered "healed lesion," no adventitious sounds were to be detected, while we have classed as "arrested disease" those chests which showed very considerable retrogressive changes with fibrosis.

In corroboration of this we may say that 41 of the patients after treatment had no sputum at all, or no tubercle bacilli could be found. Of the 11 still found with tubercle bacilli in their sputum, 8 belonged to Stage III.

As regards working capacity, all the cases belonging to Stages I. and II. were able to follow their full employment during the whole course of dispensary treatment, and, from recent enquiries, we find that this full capacity has been maintained. As regards cases belonging to Stage III. we looked on their treatment more in the nature of an experiment, and feel quite satisfied with the results. 8 of those 17 patients before treatment were totally incapacitated. After the full course 14 were then working and the capacity of only one was totally impaired. We may say that we are still keeping these patients under supervision by their paying periodical visits to the Dispensary.

We have also the records of other 33 cases who have completed treatment, but who, at the commencement, had either no sputum or no tubercle bacilli could be found; 19 however, showed unequivocal signs of definite pulmonary lesion, while the remaining 14 gave a positive focal re-action to a subcutaneous dose of not more than ·01 c.c. of Old Tuberculin.

Of these, only 19 had educational sanatorium treatment, averaging 9 weeks in duration, while the others were submitted solely to tuberculin treatment extending over a period averaging 10 months.

All except one showed at the end of treatment a complete absence of physical signs, while their general condition was excellent and all are working.

The average gain in weight of the adult patients in this class was 1·8 kilos. This smaller increase as compared with the gain in weight of those patients who had tubercle bacilli in their sputum is no doubt to be ascribed to their coming under treatment at an earlier stage and consequently to their less impaired condition.

Of the others who were given a trial with tuberculin, 13 showed no improvement and therefore were considered unsuitable for further treatment.

Five cases have died, 4 as the result of an extension of the disease, and one from some cause unknown died suddenly four months after treatment. None of these cases had shown marked reaction during treatment.

23 are " in suspense," some owing to want of interest or belief in the treatment and others unable to attend at present owing to various temporary disabilities—work, etc.

Eight have left the City.

The results have been so far so encouraging that we have felt justified in giving the treatment a greatly extended trial. At present there are 199 cases under tuberculin at the dispensary and in addition 20 definitely tuberculous children at the Open Air Recovery School.

Of the dispensary patients, 93 are full wage earners, 42 are women doing their own homework, and 21 are children attending school, while the capacity of the remaining 43 is more or less impaired.

It is interesting to note that of 275 insured persons who have been notified as cases of pulmonary tuberculosis during the year ending July 13th last and who have applied for Sanatorium Benefit, no less than 115 or 42 per cent, have been considered suitable for treatment by the tuberculin method as described above.

We are sure that it is only by similar extensive trials with carefully recorded results, conducted by different observers, that the intensive method of tuberculin treatment can be assessed at its proper value and be relegated to its proper place in therapeutic medicine.

I am, Gentlemen,
Your obedient servant,
HAROLD SCURFIELD,
Medical Officer of Health.

TUBERCULIN TREATMENT IN SHEFFIELD.

RECORD OF CASES OF TUBERCULOSIS OF THE LUNG WITH TUBERCLE BACILLI IN THE SPUTUM, WHO RECEIVED A COMPLETE COURSE OF TUBERCULIN DURING 1911–12–13.

Initials.	Sex.	Age.	Disp. No.	Occupation.	Stage (Turbans).	Sanatorium Treatment.		Date of beginning Tuberculin Treatment.	Duration of Dispensary Tuberculin Treatment.	Tuberculin Course. Doses.		T.B. Exams.		Weight in Kilos.			Working Capacity.			General Condition.		Chest Condition After.
						Total Duration.	Duration of Tuberculin Treatment while in Sanatorium.			Minimal.	Maximal.	Before.	After.	Before Sanatorium.	After Sanatorium.	End of Tuberculin Course.	Befote.	During.	After.	Before.	After	
						WEEKS.	WEEKS.	1911	MONTHS.													
L. A. … …	M.	28	12	Dustman	ii	10	…	16th Oct.	16	·0001 ·005 ·002 ·1	·46c.c. P.T.O. ·032.c.c. P.T. ·55c.c. A.F. 1c.c. Old T.	Pos.	No Sputum	73·5	84·5	76·35	Full	Full	Full	Good	Exc.	Healed Lesion
F. V. … …	M.	34	3	Labourer	iii	…	…	16th Oct.	15	·00005 ·002	·9c.c. P.T.O. 1c.c. P.T.	Pos.	No Sputum	…	63·5	64·3	Nil	Full	Full	Fair	Good	Arrested Disease
T. H. B. ..	M.	34	17	Boiler Maker	i	12	4	19th Oct.	12	·00005 ·005 ·15	·5c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	62·1	71·05	74·6	Impaired	Full	Full	Poor	Good	Healed Lesion
S. S. … …	M.	53	16	Striker	iii	…	…	27th Oct.	14	·00005 ·0002 ·1	·3c.c. P.T.O. ·75c.c. A.F. 1c.c. Old T.	Pos.	Neg.	…	59·5	56·9	Impaired	Impaired	Impaired	Fair	Fair	Arrested Disease
C. S. … …	M.	14	20	Errand Boy	i	5	5	2nd Nov.	11	·000025 ·004 ·002 ·1	·22c.c.P.T.O. ·024c.c. P.T. ·45c.c. A.F. 1c.c. Old T.	Pos.	No Sputum	31·3	32·2	32·2	Full	Full	Full	Good	Good	Healed Lesion
B. B. … …	F.	27	27	Domestic Servant	iii	..	…	9th Nov.	12	·0001 ·002 ·3	·4c.c. P.T.O. 1c.c. A.F. 1c.c. Old T.	Pos.	No Sputum	…	45·4	44·5	Impaired	Full	Full	Good	Good	Arrested Disease
C. S. … …	F.	32	36	Housework	i	…	…	10th Nov.	12	·0005 ·001 ·1	·3c.c. P.T.O. ·65c.c. A.F. 1c.c. Old T.	Pos.	No Sputum	…	62·1	61·8	Full	Full	Full	Good	Good	Healed Lesion
E. A. G. …	F.	30	34	Housework	ii	…	…	13th Nov.	10	·0005 ·001	·3c.c. P.T.O. ·8c.c. A.F.	Pos.	No Sputum	…	46·5	48·0	Full	Full	Full	Good	Good	Healed Lesion
J. T. B. …	M.	40	40	Engine Fitter	ii	…	…	15th Nov.	14	·0001 ·001 ·07 ·15	·32c.c. P.T.O. ·7c.c. A.F. 1c.c. P.T. 1c.c. Old T.	Pos.	Neg.	…	67·7	69·0	Full	Full	Full	Good	Exc.	Arrested Disease
A. E. … …	M.	19	64	Grinder	i	9	8	19th Nov.	14	·0001 ·002	1c.c. P.T.O. ·02c.c. P.T.	Pos.	No Sputum	59·9	64·8	61·0	Full	Full	Full	Good	Exc.	Healed Lesion

						WEEKS.	WEEKS.	1911	MONTHS.													
L. P.	F.	24	38	Housework	ii	...	...	23rd Nov.	12	·0001 ·0028 ·001 ·1	·22c.c. P.T.O. ·01c.c. P.T. ·75c.c. A.F. 1c.c. Old T.	Pos.	Neg.	..	42·8	49·4	Impaired	Full	Full	Good	Exc.	Healed Lesion
A. J. B. ...	M.	45	48	Cabinet Maker	ii	6	...	30th Nov.	17	·0002 ·004 ·001 ·05	·3c.c. P.T.O. ·008c.c. P.T. ·3 A.F. 1c.c. P.T.	Pos.	No Sputum	54·3	60·2	57·9	Impaired	Full	Full	Fair	Good	Arrested Disease
D. D.	M.	43	59	Commissionaire	iii	16	12	17th Dec.	9½	·00005 ·001 ·001	1c.c. P.T.O. ·15c.c. A.F. ·84c.c. P.T.	Pos.	Pos.	45·8	52·16	48·4	Impaired	Full	Full	Poor	Good	Arrested Disease
A. H.	M.	21	66	Filecutter	iii	27	24	1912 19th Jan.	5	·00005 ·0001 ·1 ·1	·7c.c. P.T.O. ·6c.c. A.F. 1c.c. P.T. 1c.c. Old T.	Pos.	Neg.	58	64·6	63·15	Impaired	Full	Full	Poor	Good	Arrested Disease
A. E. C. ...	F.	39	177	Charwoman	i	11	8	21st Jan.	13	·0001 ·002 ·15	·9c.c. P.T.O. ·86c.c. P.T. 1c.c. Old T.	Pos.	Neg.	47·6	54	49·1	Impaired	Full	Full	Poor	Good	Healed Lesion
S. G.	M.	44	86	Signalman	iii	Nil	...	6th Feb.	13	·0001 ·01 ·1	·7c.c. P.T.O. ·4c.c. P.T. ·8c.c. Old T.	Pos.	No Sputum	...	59·5	70·7	Nil	Impaired	Full	Poor	Exc.	Arrested Disease
E. M.	F.	23	114	Maid	ii	8	8	14th Feb.	5	·00005 ·008	·8c.c. P.T.O. ·04c.c. A.F.	Pos.	No Sputum	67·5	68·5	68·6	Full	Full	Full	Good	Exc.	Arrested Disease
J. W. S. ...	M.	37	58	Gate keeper	i	10	10	17th Feb.	14	·0002 ·001 ·15	1c.c. P.T.O. 1c.c. A.F. ·6c.c. Old T.	Pos.	Pos.	53·5	56	55·4	Full	Full	Full	Good	Good	Arrested Disease
J. M. A. ...	F.	29	112	Governess	ii	...	...	26th Feb.	11	·0005 ·002 ·1	1c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	...	54·25	54·95	Impaired	Full	Full	Good	Exc.	Arrested Disease
W. B.	M.	18	87	Carter	ii	20	20	28th Feb.	7	.0001 ·0001 ·04 ·2	·3c.c. P.T.O ·35c.c. A.F. 1c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	43·6	50·4	49·85	Impaired	Full	Full	Good	Good	Healed Lesion
J. E. B. ...	F.	16	106	Packer	iii	11	11	8th Mar.	14	·0001 ·0001 ·15 ·15	2c.c. P.T.O. ·6c.c. A.F. 1c.c. P.T. ·36c.c. Old T.	Pos.	No Sputum	28·6	33·1	36·25	Nil	Full	Full	Very Poor	Good	Arrested Disease
W. S.	M.	31	124	Salesman	iii	...	...	15th Mar.	15	·00005 ·001 ·1	1c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	Pos.	...	60·6	61·8	Impaired	Full	Full	Poor	Good	Arrested Disease
J. C.	M.	29	118	Engineer's Fitter	iii	Nil	...	21st Mar.	12	·0002 ·002	1c.c. P.T.O. ·1c.c. P.T.	Pos.	No Sputum	...	69·75	84·4·	Nil	Full	Full	Poor	Exc.	Arrested Disease

INITIALS.	Sex.	Age.	Disp. No.	Occupation.	Stage (Turbans).	SANATORIUM TREATMENT.		Date of beginning Tuberculin Treatment.	Duration of Dispensary Tuberculin Treatment.	Tuberculin Course. Doses.		T.B. EXAMS.		WEIGHT IN KILOS.			WORKING CAPACITY.			GENERAL CONDITION.		Chest Condition After.
						Total Duration.	Duration of Tuberculin Treatment while in Sanatorium.			Minimal.	Maximal.	Before.	After.	Before Sanatorium.	After Sanatorium.	End of Tuberculin Course.	Before.	During.	After.	Before.	After.	
						WEEKS.	WEEKS.	1912	MONTHS.													
M. J. K. ...	M.	39	247	Labourer	ii	8	8	23rd Mar.	13	·0001 ·0085 ·1	·85 P.T.O. 1c.c. A.F. 1c.c. Old T.	Pos.	Neg.	60·3	63·4	64·7	Full	Full	Full	Good	Exc.	Healed Lesion
J. B. G. ...	M.	25	223	Butchers' Knife Hafter	i	4	4	23rd Mar.	13	·0001 ·001 ·1	·6c.c. P.T.O. 1c.c. P.T. ·8c.c. Old T.	Pos.	Neg.	63·1	66·4	64·2	Full	Full	Full	Good	Good	Healed Lesion
W. H. S. ...	M.	43	249	Sugar Boiler	i	8	8	30th Mar.	12	·0001 ·002	1c c. P.T.O. ·7c.c. P.T.	Pos.	No Sputum	50·8	58·	55·1	Impaired	Full	Full	Good	Good	Healed Lesion
T. P.	M.	31	153	Grinder	ii	8	...	3rd April	15	·00005 ·001 ·15	1c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	62·1	69·4	74·3	Impaired	Full	Full	Good	Exc.	Arrested Disease
W. C.	M.	30	248	Printers' Assistant	ii	8	8	3rd April	12	·0001 ·0028 ·15	·9c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	50·	54·	52·	Ful	Full	Full	Good	Good	Arrested Disease
M. H.	F.	31	140	Housework	ii	5	5	4th April	11	·00005 ·002 ·1	·86c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	50·	53·1	52·6	Impaired	Ful	Full	Poor	Good	Healed Lesion
H. T.	M.	33	161	Publican	iii	8	8	15th Apl.	10	·00005 ·002 ·1	1c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	Pos.	55·55	60·8	60·8	Nil	Impaired	Impaired	Poor	Fair	Stationary
T. F.	M.	45	844	Hawker	iii	13	13	23rd Apl.	7	·0001 ·0001	·5c.c. P.T.O. 1c.c. A.F.	Pos.	Pos.	61·7	64·8	58·	Nil	Nil	Nil	Poor	Poor	Stationary (Bad T.B. Laryngitis)
F. J.	M.	52	294	Grinder	i	7	7	24th Apl.	10	·0001 ·002	·8c.c. P.T.O. ·03c.c. P.T.	Pos.	No Sputum	61·6	63·6	63·2	Impaired	Full	Full	Fair	Good	Healed Lesion
E. T.	F.	14	631	Packer	ii	10	10	29th Apl.	7½	·0001 ·0001 ·1	·5c.c. P.T.O. 1c.c. A.F. 1c.c. Old T.	Pos.	No Sputum	42·6	44·45	45·7	Nil	Impaired	Full	Poor	Exc.	Healed Lesion
S. M.	M.	18	360	Grinder	ii	12	9	8th May	8	·0001 ·002 ·1	1c.c. P.T.O. 1c.c. P.T. ·55c.c. Old T.	Pos.	Pos.	52·2	59·4	55·3	Impaired	Full	Full	Poor	Good	Arrested Disease

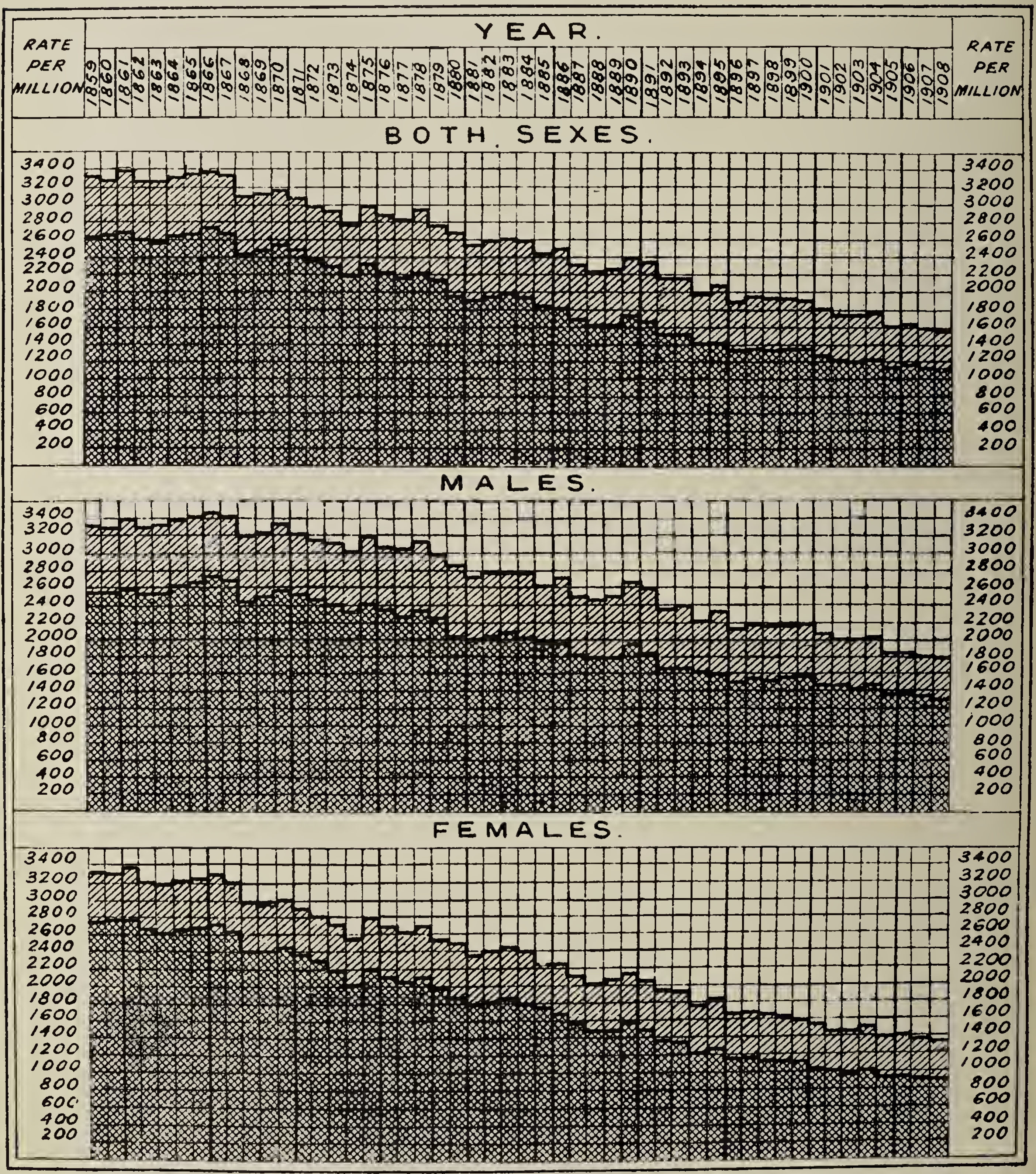
						WEEKS.	WEEKS.	1912	MONTHS.													
G. H. S.	M.	44	194	Railway A/c Collector	i	...	...	15th May	13	·00005 ·002 ·1	1c.c. P.T.O. ·9c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	...	77·5	76·65	Full	Full	Full	Good	Exc.	Healed Lesion
E. D.	M.	32	317	Ivory and Pearl Fluter	iii	5	5	19th May	10	·0001 002 ·1	1c.c. P.T.O. 1c.c. P.T. ·6c.c. Old T.	Pos.	Pos.	48·1	51·6	50·5	Impaired	Full	Full	Poor	Good	Arrested Disease
E. S.	F.	24	261	Housework	ii	8	8	7th June	10	·0001 ·002 ·1	1c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	Neg.	43·85	46·6	45·	Impaired	Full	Full	Fair	Good	Healed Lesion
J. H. H. ...	M.	21	488	Warehouse-man	iii	16	12	14th June	9½	·0001 ·002 ·15	1c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	Pos.	45·8	52·16	48·4	Impaired	Full	Full	Poor	Good	Arrested Disease
J. M.	F.	24	963	Maid	i	11	11	20th June	8	0001 ·001	·85c.c. P.T.O. 1c.c. A.F.	Pos.	No Sputum	52·6	53·6	53·75	Nil	Full	Full	Good	Exc.	Healed Lesion
E. M.	F.	37	277	Housework	ii	3	3	5th July	11	·0001 ·002 ·1	1c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	45·	45·25	55·	Impaired	Full	Full	Fair	Exc.	Healed Lesion
E. W.... ...	F.	28	296	Housework	iii	5	3	12th July	10	·0001 ·002	·85c.c. P.T.O. ·92c.c. P.T.	Pos.	Pos.	54·25	55·75	58·25	Impaired	Full	Full	Fair	Good	Arrested Disease
K. H.	F.	14	883	Domestic Servant	ii	15	15	19th July	5½	·0001 ·001	·7c.c. P.T.O. 1c.c. A.F.	Pos.	No Sputum	34·25	41·8	44·3	Nil	Full	Full	Poor	Good	Healed Lesion
A. S.	F.	26	165	Housework	iii	12	...	1st Aug.	11½	·0001 ·001	·26c.c. A.F. ·56c.c. P.T.	Pos.	Pos.	43·2	51	50·	Nil	Impaired	Full	Poor	Good	Stationary
A. S.	F.	32	636	Housework	iii	10	10	29th Aug.	8	·0001 ·001	1c.c. P.T.O. ·36c.c. P.T.	Pos.	No Sputum	45·	53	51·	Impaired	Full	Full	Poor	Good	Arrested Disease
J. H. R. ...	M.	24	578	Tailor's Cutter	i	7	7	20th Sep.	9	·0001 ·002 ·15	94c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	Pos.	57·6	62·2	58·95	Full	Full	Full	Good	Good	Arrested Disease
G. R.	M.	27	542	Machine Manufacturer	i	20	18	7th Oct.	4	·0001 ·002	·88c.c. P.T.O. ·38c.c. P.T.	Pos.	No Sputum	70·3	76·5	79·85	Full	Full	Full	Good	Exc.	Healed Lesion
W. E. P. ...	M.	18	441	Teacher	ii	14	14	16th Oct.	5½	·0001 ·01 ·15	1c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	No Sputum	53·5	57·45	59·2	Nil	Full	Full	Poor	Exc.	Healed Lesion
F. K.	M.	28	353	Carter	i	...	..	21st Oct.	9	·0001 ·001	1c.c. P.T.O. 1c.c. A.F.	Pos.	Neg.	...	70·6	70·7	Full	Full	Full	Good	Good	Healed Lesion
L. H.	M.	10	495	Scholar	iii	14	14	22nd Oct.	5	·00005	1c.c. P.T.O.	Pos.	No Sputum	29.5	30·4	30·4	Nil	Impaired	At School	Poor	Good	Arrested Disease
T. S.	M.	38	626	Grinder	ii	23	22	1st Nov.	4	·0001 ·01 ·15	·85c.c. P.T.O. 1c.c. P.T. 1c.c. Old T.	Pos.	Neg.	59·1	64	60·5	Impaired	Full	Full	Poor	Exc.	Arrested Disease
G. F.	M.	37	538	Dry Steel Grinder	ii	24	22	3rd Nov.	4	·0001 ·001	·5c.c. P.T.O. ·8c.c. P.T.	Pos.	Neg.	57·	62·55	57·35	Impaired	Full	Full	Poor	Poor	Arrested Disease
H. W.... ...	M.	47	583	Grinder	ii	12	8	29th Nov.	4	·0001	1c.c. A.F.	Pos.	No Sputum	55·2	62	64·3	Nil	Full	Full	Poor	Exc.	Arrested Disease

CHART A.

TUBERCULOSIS.

ENGLAND & WALES.—Death-Rates per million living, corrected for variations of sex and age constitution (*a*) from All Forms of Tuberculosis, (*b*) from Phthisis, 1859-1908.

(NOTE.—The darker shading refers to Phthisis.)



NOTE.—The Death-Rates throughout the entire period are based upon the sex and age constitution of the population as enumerated in 1901.

The above Chart is taken from the 71st Annual Report of the Registrar General.

CHART B.

TUBERCULOSIS.

SHEFFIELD.—Death-Rates per million living, uncorrected for variations of sex and age constitution (*a*) from All Forms of Tuberculosis, (*b*) from Phthisis, 1885-1910.

(NOTE.—The darker shading refers to Phthisis.)

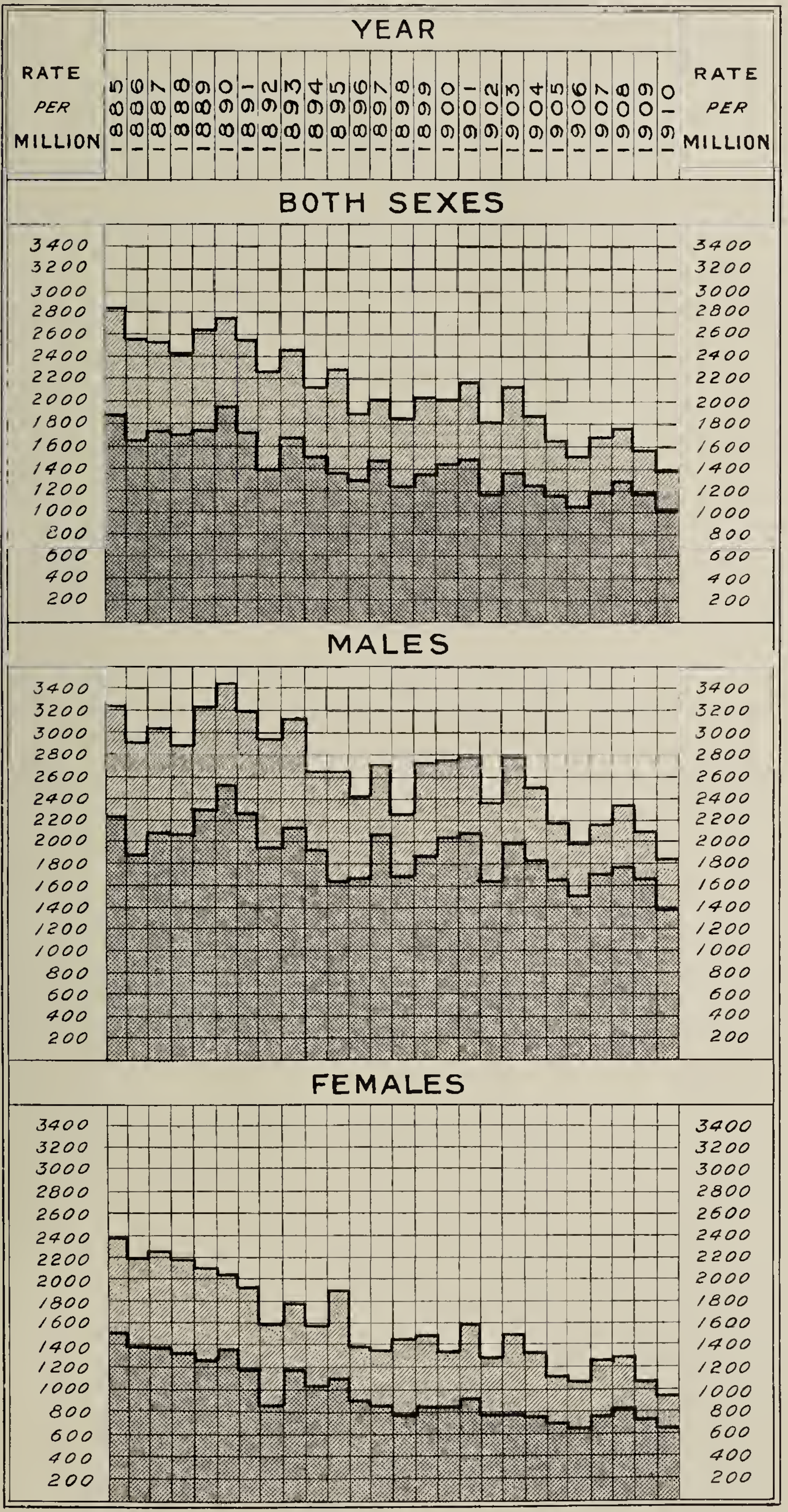


CHART C.

Death-Rates from Phthisis in the two sexes and under several age groups during the ten years 1890-99.

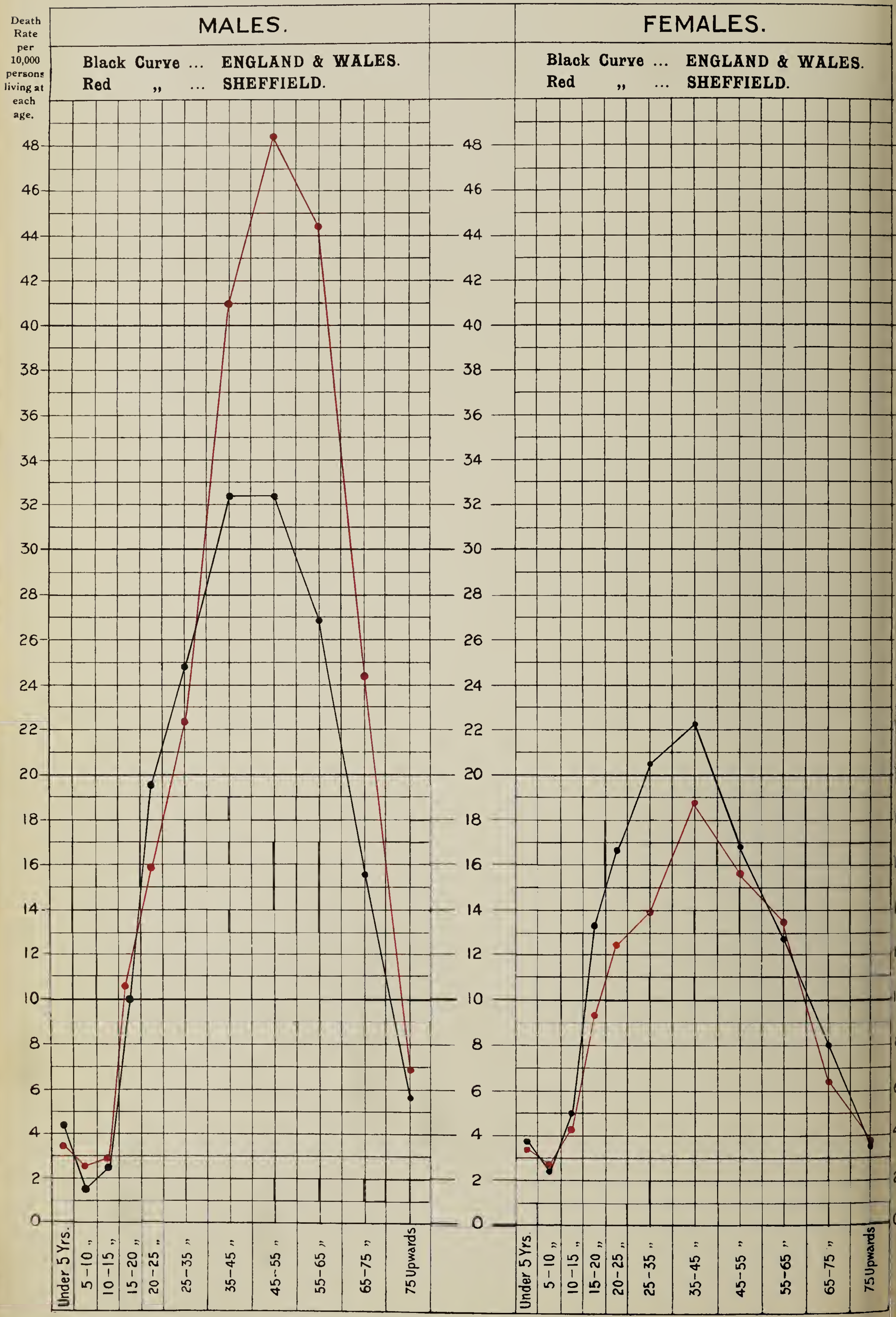
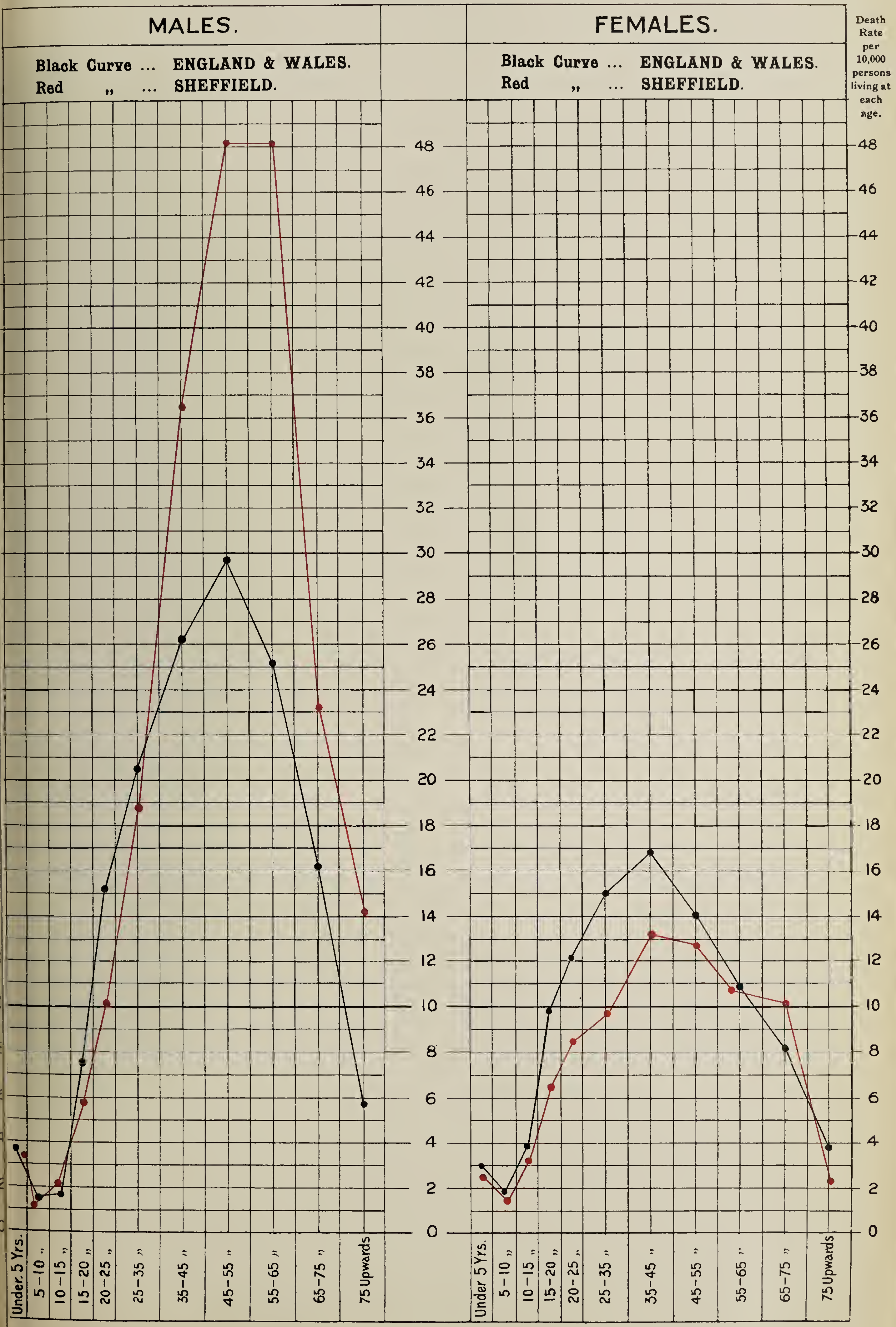
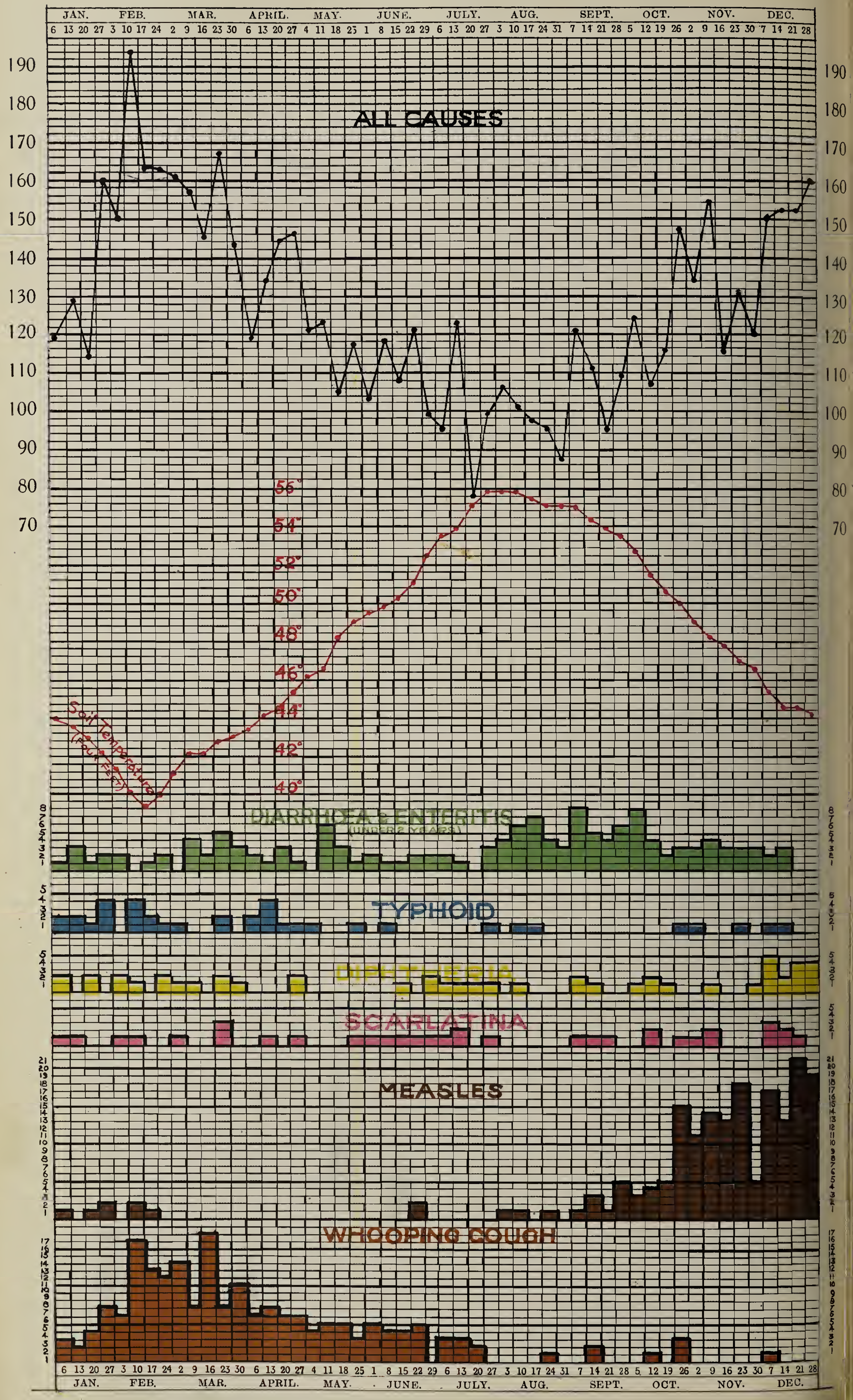


CHART D.

Death-Rates from Phthisis in the two sexes and under several age groups during the ten years 1900-1909.



DEATHS CHART, 1912.—Showing the Number of Deaths from All Causes and from certain Infectious Diseases, also Soil Temperature during each Week of the Year.



Summary of Vital and Mortal Statistics, etc., for 1912.

AREA OF CITY	24,353 Acres, divided into FOURTEEN Registration Sub-Districts.
POPULATION	466,408.
DENSITY	19·2 Persons per Acre.
INHABITED HOUSES at CENSUS 1911	98,815.
MARRIAGES	3,885; Marriage-rate, 16·7.
BIRTHS	12,887; Birth-rate, 27·7.
DEATHS	6,661; Death-rate, 14·3.
INFANTILE MORTALITY	1,373 under 1 year, or 107 per 1,000 Births.
ESTIMATED INCREASE OF POPULATION	*10,591 but the natural increase, *i.e.*, excess of Births over Deaths, was 6,226.

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* This abnormal increase of population is accounted for by the fact of the inclusion of a part of the Rotherham Rural District at Tinsley.

Vital and Mortal Statistics.

The estimated mean population of the City for 1912, based on the Census enumerations of 1901 and 1911, was 466,408, which is the figure adopted by the Registrar-General for that year.

Taking the sex ratio as at the Census of 1911, the number of males and females works out at 230,245 and 236,163 respectively.

TABLE I.—*Population, Estimated Increase, and Natural Increase, 21 years.*

YEAR.	Population.	Estimated Increase.	Excess of Births over Deaths.
1892	330,816	5,269	5,006
1893	336,171	5,355	4,165
1894	341,612	5,441	5,239
1895	347,141	5,529	5,004
1896	352,760	5,619	5,121
1897	358,470	5,710	4,668
1898	364,272	5,802	4,853
1899	370,168	5,896	4,484
1900	376,160	5,992	4,280
*1901	410,151	33,991	4,875
1902	414,506	4,355	6,874
1903	418,906	4,400	6,160
1904	423,355	4,449	6,526
1905	427,850	4,495	5,576
1906	432,395	4,545	5,945
1907	436,986	4,591	6,353
1908	441,630	4,644	6,931
1909	446,321	4,691	6,198
1910	451,065	4,744	6,238
1911	455,817	4,752	5,288
†1912	466,408	10,591	6 226

* City extended October 31st, 1901.
† City extended April 1st, 1912.

TABLE II.—*Registration Sub-Districts and Municipal Wards contained therein.*

REGISTRATION SUB-DISTRICTS.	MUNICIPAL WARDS.
§Sheffield North	St. Philip's ; St. Peter's (part).
Sheffield South	St. Peter's (part) ; Crookesmoor (small part containing 54 persons).
Sheffield Park	Park.
Brightside West	Brightside (part) ; Burngreave (part) ; Neepsend.
Brightside East	Brightside (part) ; Burngreave (part).
Attercliffe	Attercliffe (part) ; Darnall (part).
Handsworth (part)	Darnall (part).
*Tinsley (part of S.E. R'ham.) ...	Attercliffe (part).
Hillsbro'	Hillsbro' (part).
Ecclesall North	Walkley ; Hillsbro' (part).
Ecclesall West Central	Crookesmoor (part) ; Hallam ; St. Peter's (small part containing 36 persons).
Ecclesall South	Ecclesall ; Heeley (part).
†Broomhall	Broomhall.
†Sharrow	Sharrow.
Norton	Heeley (part).

§ That part of St. Peter's Ward which was contained in the Registration Sub-District of North Sheffield was transferred on 1st March, 1913, to South Sheffield. St. Philip's Ward is now co-terminous with the District of North Sheffield.

* Tinsley extension remains in the Registartion District of Rotherham.

† Broomhall and Sharrow were united for registration purposes on 1st September, 1911, but the two districts have been treated as separate entities in the tables throughout this report.

TABLE III.—*Population of Registration Sub-Districts at the Censuses of 1881, 1891, 1901, and 1911; and estimated mean Population, 1912.*

DISTRICT.	Population Enumerated.				Estimated Population, middle of 1912.	
	1881.	1891.	1901.	1911 *		
Sheffield North	38,982	37,499	38,784	35,019	34,517	Sheffield North.
Do. West ...	14,957	14,105	26,538	24,416	24,122	Do. South.
Do. South	17,919	18,411				
Do. Park	19,948	21,401	25,323	26,390	26,481	Do. Park.
Brightside West	56,719	67,083	40,214	46,228	46,959	Brightside West.
Do. East			37,778	40,035	40,234	Do. East.
Attercliffe ...	26,965	35,883	51,585	61,693	62,984	Attercliffe.
Handsworth ...	—	—	757	1,188	1,256	Handsworth,
Tinsley	—	—	—	5,284	5,759	Tinsley.
Hillsbro'	—	—	11,763	17,965	18,917	Hillsbro'.
			32,189	35,831	36 253	Ecclesall North.
Nether Hallam	38,967	46,328	42,828	48,949	49,686	Do. W. Central.
Upper Hallam ...	2,513	2,709	35,165	44,803	46,102	Do. South.
Ecclesall ...	67,538	80,824	26,995	26,588	26,494	Broomhall.
			28,323	26,266	25,977	Sharrow.
Norton	—	—	10,828	19,261	20,667	Norton.
Totals	284,508	324,243	409,070	459,916	466,408	Totals.

* As altered since the date of the Census.

TABLE IV.—*Acreage and Persons per acre in Registration Sub-Districts, 1912.*

Registration District.	Area in Acres.	Mean Estimated Population, 1912.	Persons per Acre.
Sheffield North	282	*34,517*	*122 ·4*
Do. South	332	*24,122*	*72 ·6*
Do. Park	2,507	*26,481*	*10 ·6*
Brightside West	2,089	*46,959*	*22 ·5*
Do. East	1,593	*40,234*	*25 ·3*
Attercliffe...	1,394	*62,984*	*45 ·2*
Handsworth (part)	76	*1,256*	*16 ·5*
Tinsley (part of Rotherham) ...	691	*5,759*	*8 ·3*
Hillsbro'	988	*18,917*	*19 ·2*
Ecclesall North	654	*36,253*	*55 ·4*
Do. West Central	7,588	*49,686*	*6 ·5*
Do. South	3,613	*46,102*	*12 ·8*
Broomhall	365	*26,494*	*72 ·5*
Sharrow	275	*25,977*	*94 ·5*
Norton	1,906	*20,667*	*10 ·8*
City	24,353	*466,408*	*19 ·2*

TABLE V.—*Marriages and Marriage Rates in Sheffield and in England and Wales since 1888*

Year.	Total Number of Marriages in Sheffield.	Persons Married per 1,000 in Sheffield.	Persons Married per 1,000 in England and Wales.
1888	2,885	17·9	14·4
1889	3,073	18·7	15·0
1890	3,174	19·7	15·5
1891	3,128	19·2	15·6
1892	3,091	18·7	15·4
1893	2,797	16·6	14·7
1894	3,215	18·8	15·0
1895	2,810	16·2	15·0
1896	3,322	18·8	15·7
1897	3,465	19·3	16·0
1898	3,496	19·2	16·2
1899	3,663	19·8	16·5
1900	3,508	18·7	16·0
1901*	3,640	18·8	15·9
1902	3,682	17·8	15·9
1903	3,506	16·7	15·7
1904	3,507	16·5	15·3
1905	3,466	16·2	15·3
1906	3,943	18·2	15·7
1907	4,004	18·3	15·9
1908	3,419	15·5	15·1
1909	3,445	15·4	14·7
1910	3,639	16·1	15·0
1911	3,726	16·3	15·2
1912†	3,885	16·7	15·5
Average ...	3,419	17·8	15·4

* City extended October 31st, 1901. † City extended April 1st, 1912.

TABLE VI.—*Birth-rates during the year for the whole City and for each of the Registration Sub-Districts; also the total number of Births, Legitimate and Illegitimate, in each.*

District.	Estimated Population in the middle of 1912.	Legitimate.		Illegitimate.		Totals.	Birth-rate per 1000 persons living per annum.	
		Male.	Female.	Male.	Female.		Crude.	Corrected for Public Institutions. *
Sheffield North ...	34,517	521	478	28	38	1,065	*30·9*	*33·9*
Do. South ...	24,122	426	441	13	16	896	*37·1*	*25·7*
Do. Park ...	26,481	376	394	13	11	794	*30·0*	*31·0*
Brightside West ...	46,959	592	563	67	57	1,279	*27·2*	*25·7*
Do. East ...	40,234	621	582	19	31	1,253	*31·1*	*32·2*
Attercliffe	62,984	1,023	1,098	19	40	2,180	*34·6*	*35·3*
Handsworth ...	1,256	17	20	...	...	37	*29·5*	*30·3*
Tinsley	5,759	80	77	2	1	160	*37·0*	*37·3*
Hillsbro'	18,917	213	233	5	4	455	*24·1*	*24·4*
Ecclesall North ...	36,253	510	522	20	17	1,069	*29·5*	*30·4*
Do. W.Cent. ...	49,686	513	480	12	15	1,020	*20·5*	*21·3*
Do. South ...	46,102	480	496	31	27	1,034	*22·4*	*22·0*
Broomhall	26,494	303	262	18	14	597	*22·5*	*23·6*
Sharrow	25,977	269	291	10	11	581	*22·4*	*23·2*
Norton	20,667	243	217	12	10	482	*23·3*	*23·7*
Totals	466,408	6,187	6,154	269	292	12,902		
Add—Transfers from Districts outside City		...	...	4	2	6		
		6,187	6,154	273	294	12,908		
Deduct—Transfers to Districts outside City		13	5	1	2	21		
Net totals		6,174	6,149	272	292	12,887	*27·7*	*27·7*

*The corrected Birth-rate for the Sub-Districts is obtained by distribution of the Births which occurred in the Jessop Hospital and the two Union Hospitals among the Sub-Districts in which the mothers' homes were situated at the time of their admission to the hospitals.

TABLE VII.—*Population and Births and Deaths in Sheffield in past years. Also Birth-rates and Death-rates in Sheffield and in England and Wales.*

YEAR.	POPULATION.	SHEFFIELD.				ENGLAND.	
		BIRTHS.		DEATHS.			
		Number of Births.	Birth-rates per 1,000 persons living per annum.	Number of Deaths.	Death-rates per 1000 persons living per annum.	Birth-rates.	Death-rates.
1736	14,105						
1801	45,755						
1811	53,231						
1821	65,275						
1831	91,692						
1841	111,091						
1851	135,310	5,946	41 ·6	4,027	28 ·2	34 ·2	22 ·0
1861	186,375	7,561	40 ·5	4,610	24 ·7	34 ·6	21 ·6
1871	241,506	9,764	40 ·4	6,843	28 ·3	35 ·0	22 ·6
1872	245,023	9,973	40 ·6	6,445	26 ·3	35 ·6	21 ·3
1873	248,954	10,761	43 ·2	6,558	26 ·3	35 ·4	21 ·0
1874	253,645	10,861	42 ·8	7,009	27 ·6	36 ·0	22 ·2
1875	257,827	11,026	42 ·7	6,642	25 ·7	35 ·4	22 ·7
1876	262,080	11,205	42 ·7	6,568	25 ·1	36 ·3	20 ·9
1877	266,401	10,859	40 ·7	6,154	23 ·1	36 ·0	20 ·3
1878	270,791	10,985	40 ·3	7,208	26 ·6	35 ·6	21 ·6
1879	275,356	10,822	39 ·2	6,422	23 ·3	34 ·7	20 ·7
1880	279,800	10,723	38 ·3	6,410	22 ·9	34 ·2	20 ·5
1881	284,508	10,814	38 ·0	5,909	20 ·7	33 ·9	18 ·9
1882	289,194	10,837	35 ·4	6,281	21 ·1	33 ·8	19 ·6
1883	293,001	10,812	36 ·9	6,755	23 ·0	33 ·5	19 ·6
1884	296,856	11,272	37 ·9	6,832	23 ·0	33 ·6	19 ·7
1885	300,762	10,737	35 ·6	6,328	21 ·0	32 ·9	19 ·2
1886	304,720	10,573	34 ·6	6,130	20 ·1	32 ·8	19 ·5
1887	308,730	10,389	33 ·6	6,820	22 ·0	31 ·9	19 ·1
1888	312,793	9,863	31 ·5	6,611	21 ·1	31 ·2	18 ·1
1889	316,901	10,844	34 ·2	6,841	21 ·5	31 ·1	18 ·2
1890	321,079	10,691	33 ·2	8,316	25 ·9	30 ·2	19 ·5
1891	325,547	11,862	36 ·4	7,775	23 ·9	31 ·4	20 ·2
1892	330,816	11,846	35 ·8	6,840	20 ·7	30 ·4	19 ·0
1893	336,171	11,584	34 ·5	7,419	22 ·1	30 ·7	19 ·2
1894	341,612	11,267	33 ·0	6,028	17 ·6	29 ·6	16 ·6
1895	347,141	12,012	34 ·6	7,008	20 ·2	30 ·3	18 ·7
1896	352,760	11,853	33 ·6	6,732	19 ·1	29 ·6	17 ·1
1897	358,470	12,132	33 ·8	7,464	20 ·8	29 ·6	17 ·4
1898	364,272	12,066	33 ·1	7,213	19 ·8	29 ·3	17 ·5
1899	370,168	12,459	33 ·7	7,975	21 ·5	29 ·1	18 ·3
1900	376,160	12,572	33 ·4	8,292	22 ·0	28 ·7	18 ·2
*1901	410,151	12,766	33 ·0	7,891	20 ·4	28 ·5	16 ·9
1902	414,506	13,938	33 ·6	7,064	17 ·0	28 ·5	16 ·3
1903	418,906	14,136	33 ·6	7,976	19 ·0	28 ·5	15 ·5
1904	423,355	13,850	32 ·7	7,284	17 ·2	28 ·0	16 ·3
1905	427,850	13,082	30 ·6	7,510	17 ·6	27 ·3	15 ·3
1906	432,395	13,420	31 ·1	7,475	17 ·3	27 ·2	15 ·5
1907	436,986	14,125	32 ·3	7,772	17 ·8	26 ·5	15 ·1
1908	441,630	14,268	32 ·3	7,337	16 ·6	26 ·7	14 ·8
1909	446,321	13,296	29 ·8	7,098	15 ·9	25 ·8	14 ·6
1910	451,065	12,664	28 ·1	6,426	14 ·2	25 ·1	13 ·5
1911	455,817	12,623	27 ·7	7,335	16 ·1	24 ·4	14 ·6
*1912	466,408	12,887	27 ·7	6,661	14 ·3	23 ·8	13 ·3

* City extended.

The number of deaths during 1912 was 6,661. Of these 3,597 were deaths of males, and 3,064 deaths of females. The death-rate was 14 ·3 per 1,000 per annum ; or 15 ·7 per 1,000 for males, and 13 ·0 per 1,000 for females.

TABLE VIII.—*Mortality Rates in Quinquennial Periods in Sheffield and in England.*

Quinquennial Periods.	Mean Mortality rate per 1,000 of the population.	
	Sheffield.	England.
1871 to 1875	26 ·8	22 ·0
1876 to 1880	24 ·2	20 ·8
1881 to 1885	21 ·6	19 ·4
1886 to 1890	22 ·1	18 ·9
1891 to 1895	20 ·9	18 ·7
1896 to 1900	20 ·6	17 ·7
1901 to 1905	18 ·2	16 ·1
1906 to 1910	16 ·4	14 ·7
1911 and 1912 (2 years) ...	15 ·2	14 ·0

TABLE IX.—44 *Towns over* **100,000** *Population—Death Rates per* **1,000** *living from all Causes, and from Principal Epidemic Diseases; Comparative Mortality Figures; Infant Mortality; also Birth Rates.*
In this Table 0·00 indicates that the deaths were too few to give a rate of 0·005; where no death occurred — is inserted.

TOWNS.	Birth Rate 1912.	*Death Rate. Corrected.		† Comparative mortality Figure 1912.	DEATH RATE PRINCIPAL EPIDEMIC DISEASES.												Rate per 1,000 Births.				TOWNS.
					Enteric Fever.		Small Pox.		Measles.		Scarlet Fever.		Whooping Cough.		Diphtheria.		Diarrhœa and Enteritis (under 2 ys.)		Total Deaths under one year.		
		5 years 1907-1911.	1912.		5 years 1907-1911.	1912.	5 years 1907-1911.	1912.	5 years 1907-1911.	1912.	5 years 1907-1911.	1912.	5 years 1907-1911.	1912.	5 years 1907-1911.	1912.	5 years 1907-1911.	1912.	5 years 1907-1911.	1912.	
Birkenhead ..	28·3	15·71	14·77	1,135	0·07	0·04	0·00	—	0·43	0·40	0·07	0·08	0·30	0·36	0·16	0·15	The average mortality under this heading cannot be stated.	17·29	128	97	Birkenhead.
Birmingham ..	26·2	17·18	14·66	1,127	0·07	0·04	0·00	—	0·47	0·67	0·16	0·18	0·36	0·39	0·16	0·12		10·36	144	112	Birmingham.
Blackburn ..	20·4	17·62	15·39	1,183	0·10	0·05	0·00	—	0·27	0·41	0·20	0·02	0·25	0·20	0·15	0·07		12·89	150	118	Blackburn.
Bolton	22·4	17·34	14·62	1,124	0·15	0·05	—	—	0·39	0·19	0·15	0·05	0·27	0·21	0·14	0·12		8·57	140	98	Bolton.
Bradford ..	19·4	15·85	15·14	1,164	0·10	0·17	—	—	0·21	0·17	0·05	0·04	0·22	0·05	0·15	0·20		4·47	130	99	Bradford.
Brighton ..	18·9	13·31	11·51	885	0·04	0·05	—	—	0·19	0·18	0·04	0·04	0·17	0·02	0·09	0·02		6·82	104	76	Brighton.
Bristol	21·4	13·63	13·11	1,008	0·03	0·01	0·01	0·01	0·23	0·44	0·04	0·03	0·24	0·19	0·15	0·13		7·30	111	103	Bristol.
Burnley.. ..	23·0	19·18	16·21	1,246	0·09	0·07	—	—	0·39	0·22	0·13	0·03	0·29	0·33	0·15	0·06		16·17	178	145	Burnley.
Cardiff	25·0	15·15	14·54	1,118	0·04	0·08	0·01	—	0·29	1·10	0·08	0·04	0·25	0·31	0·13	0·17		10·85	121	110	Cardiff.
Coventry ..	26·6	13·32	12·75	980	0·03	—	—	—	0·32	0·47	0·16	0·17	0·19	0·31	0·12	0·25		4·40	98	76	Coventry.
Croydon ..	22·1	11·41	10·25	788	0·02	0·04	—	—	0·23	0·18	0·05	0·01	0·19	0·06	0·19	0·14		12·26	93	76	Croydon.
Derby	23·5	13·93	12·18	936	0·07	0·02	—	—	0·35	0·06	0·03	0·02	0·19	0·14	0·27	0·10		7·19	113	79	Derby.
East Ham ..	24·8	12·47	10·95	842	0·04	0·02	—	—	0·41	0·30	0·11	0·04	0·23	0·28	0·25	0·07		5·83	107	74	East Ham.
Gateshead ..	27·5	16·99	16·55	1,272	0·03	0·02	—	—	0·35	0·95	0·06	0·04	0·39	0·43	0·19	0·20		8·04	137	103	Gateshead.
Halifax	18·3	15·40	15·01	1,154	0·09	0·04	—	—	0·13	0·15	0·07	0·08	0·20	0·08	0·22	0·05		4·89	103	81	Halifax.
Huddersfield ..	18·9	15·84	14·30	1,099	0·08	0·02	—	0·01	0·23	0·19	0·10	0·18	0·16	0·24	0·14	0·08		5·34	107	96	Huddersfield.
Hull	27·7	16·11	14·48	1,113	0·10	0·12	0·00	—	0·39	0·53	0·04	0·00	0·27	0·09	0·18	0·07		10·60	135	101	Hull.
Leeds	23·2	16·91	15·01	1,154	0·06	0·04	—	—	0·27	0·36	0·07	0·09	0·31	0·12	0·18	0·21		9·84	136	101	Leeds.
Leicester ..	22·1	13·82	13·76	1,058	0·03	0·03	—	—	0·38	0·42	0·10	0·05	0·17	0·21	0·06	0·09		8·89	129	110	Leicester.
Leyton	23·0	11·52	10·79	829	0·03	0·03	—	—	0·30	0·09	0·13	0·04	0·24	0·31	0·22	0·17		7·49	85	76	Leyton.
Liverpool ..	29·6	20·03	18·73	1,440	0·08	0·03	—	—	0·48	1·15	0·23	0·11	0·43	0·36	0·16	0·14		20·42	145	125	Liverpool.
London.. ..	24·5	14·72	13·56	1,042	0·04	0·03	0·00	0·00	0·45	0·40	0·09	0·04	0·28	0·22	0·14	0·10		12·42	114	91	London.
Manchester ..	25·4	19·05	17·32	1,331	0·09	0·06	—	0·00	0·49	0·68	0·14	0·07	0·36	0·41	0·16	0·13		14·18	143	121	Manchester.
Middlesbrough..	31·7	20·88	18·41	1,415	0·13	0·08	—	—	0·70	1·70	0·05	0·19	0·47	0·07	0·30	0·08		9·81	157	125	Middlesbrough.
Newcastle-on-Tyne	26·9	16·99	14·92	1,147	0·04	0·06	0·00	—	0·36	0·61	0·07	0·13	0·41	0·15	0·17	0·11		6·65	127	101	Newcastle-on-Tyne.
Norwich ..	21·8	13·15	11·76	904	0·12	0·06	—	—	0·23	0·15	0·08	0·11	0·27	0·03	0·21	0·16		9·76	120	104	Norwich.
Nottingham ..	23·7	16·33	14·56	1,119	0·10	0·05	0·00	—	0·41	0·62	0·04	0·09	0·28	0·27	0·12	0·10		12·25	150	117	Nottingham.
Oldham.. ..	23·0	19·86	17·40	1,337	0·06	—	—	—	0·43	0·44	0·10	0·05	0·31	0·43	0·10	0·08		12·58	142	117	Oldham.
Plymouth ..	21·7	14·86	13·60	1,045	0·07	0·08	—	—	0·39	0·05	0·02	0·01	0·19	0·25	0·14	0·18		11·48	126	107	Plymouth.
Portsmouth ..	23·7	13·82	12·74	979	0·14	0·09	—	—	0·34	0·40	0·07	0·12	0·21	0·22	0·27	0·53		9·99	110	82	Portsmouth.
Preston.. ..	23·3	18·46	17·57	1,350	0·16	0·07	—	—	0·30	0·78	0·07	0·31	0·32	0·38	0·14	0·34		12·08	155	123	Preston.
Rhondda ..	33·0	17·04	14·83	1,140	0·11	0·10	—	—	0·53	0·81	0·10	0·11	0·23	0·51	0·16	0·11		11·55	155	128	Rhondda.
Salford	26·4	19·07	17·71	1,361	0·13	0·08	—	—	0·56	1·06	0·23	0·04	0·38	0·55	0·35	0·14		14·84	142	128	Salford.
SHEFFIELD ..	**27·6**	**16·96**	**14·97**	**1,151**	**0·07**	**0·09**	**0·00**	—	**0·81**	**0·39**	**0·11**	**0·07**	**0·32**	**0·41**	**0·10**	**0·10**		**10·72**	**134**	**106**	**SHEFFIELD.**
Southampton .	23·2	13·33	12·45	957	0·06	0·07	0·00	—	0·09	0·15	0·03	0·02	0·21	0·29	0·16	0·14		11·07	108	85	Southampton.
South Shields ..	30·4	17·29	16·15	1,241	0·05	0·03	0·00	—	0·33	0·59	0·09	0·05	0·42	0·45	0·14	0·05		6·32	133	106	South Shields.
Stockport ..	22·7	17·53	15·50	1,191	0·06	0·05	—	—	0·37	0·47	0·08	0·05	0·28	0·33	0·14	0·13		8·39	153	107	Stockport.
Stoke-on-Trent	31·3	19·90	16·88	1,297	0·14	0·11	—	—	0·56	0·23	0·18	0·12	0·34	0·30	0·31	0·25		17·02	170	128	Stoke-on-Trent.
Sunderland ..	31·4	18·52	16·04	1,233	0·08	0·03	—	—	0·53	0·44	0·09	0·01	0·45	0·28	0·19	0·14		6·31	138	115	Sunderland.
Swansea ..	27·6	17·17	13·94	1,071	0·02	0·01	0·00	—	0·30	0·61	0·04	0·05	0·33	0·28	0·15	0·28		10·83	140	100	Swansea.
Tottenham ..	26·0	12·58	11·38	875	0·03	0·04	—	—	0·33	0·16	0·06	0·01	0·24	0·30	0·13	0·11		8·14	100	82	Tottenham.
Walthamstow ..	24·2	12·46	10·44	802	0·05	0·02	—	—	0·26	0·17	0·09	0·02	0·30	0·27	0·20	0·17		7·41	103	79	Walthamstow.
West Ham ..	29·4	15·70	14·51	1,115	0·07	0·05	—	—	0·65	0·85	0·13	0·06	0·41	0·43	0·19	0·12		11·79	125	104	West Ham.
Willesden ..	24·6	11·97	10·56	812	0·03	0·02	—	—	0·30	0·21	0·08	0·01	0·33	0·17	0·09	0·06		4·60	103	84	Willesden.
§SHEFFIELD'S Position in List	**10th (a tie)**	**26th**	**28th**	**28th**	**21st (a tie)**	**37th (a tie)**	**1st (a tie)**	**1st (a tie)**	**44th**	**19th**	**32nd (a tie)**	**28th (a tie)**	**30th (a tie)**	**37th (a tie)**	**4th (a tie)**	**13th (a tie)**		**26th**	**25th**	**26th (a tie)**	**SHEFFIELD'S Position in List.**

* Corrected for sex and age distribution so as to put all the Towns on an equal footing.

† The Comparative Mortality Figure gives the comparison of the corrected Death-rates in another form: thus, given the same proportion of sex and the same proportion living at each age of life as in England, Sheffield conditions would produce 1,151 deaths against England's 1,000.

§ In stating the position of Sheffield on the list, the Town with the highest Birth-rate and the Town with the lowest Death-rate on the list are regarded as coming first.

TABLE X.—*Death Rates per 1,000 persons living, from all Causes, from Principal Zymotic Diseases and from Tuberculous Diseases, also Infantile Mortality Rates in the City and in the several Registration Sub-Districts, during the Ten years, 1902-1911 and 1912.*

DISEASE.	NORTH.		SOUTH.		PARK.		*BRIGHTSIDE WEST.		*BRIGHTSIDE EAST.		ATTERCLIFFE.		*HANDSWORTH.		*TINSLEY.		HILLSBRO'		*ECCL'SALL NORTH.		*ECCLESALL WEST CENTRAL.		*ECCLESALL SOUTH.		*BR'MHALL.		*SHARROW.		NORTON.		CITY.	
	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Year. 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912	10 Years 1902 to 1911	1912
ALL CAUSES ...	23·6	23·2	19·6	17·8	18·7	17·8	...	11·7	...	15·3	16·9	14·8	...	8·0	...	13·7	14·6	11·7	...	13·2	...	12·5	...	10·4	...	15·2	...	14·1	12·7	10·7	16·9	14·3
Small Pox ...	0·01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·00	...
Measles	1·35	0·44	0·72	0·25	0·79	0·45	...	0·21	...	0·65	0·74	0·46	...	...	...	...	0·42	0·16	...	0·28	...	0·30	...	0·50	...	0·38	...	0·89	0·40	0·34	0·65	0·41
Scarlatina ...	0·17	0·12	0·18	...	0·21	0·11	...	0·11	...	...	0·19	0·06	...	...	...	...	0·11	0·11	...	0·11	...	0·10	...	0·07	...	0·04	...	0·04	0·20	0·19	0·19	0·08
Diphtheria ...	0·16	0·20	0·09	0·08	0·22	0·19	...	0·09	...	0·17	0·16	0·05	...	...	...	0·23	0·15	0·11	...	0·17	...	0·02	...	0·02	...	0·19	...	0·08	0·11	0·05	0·13	0·10
Whooping Cough	0·55	1·01	0·42	0·66	0·40	0·23	...	0·55	...	0·45	0·37	0·45	...	0·59	...	0·93	0·22	0·32	...	0·33	...	0·18	...	0·13	...	0·38	...	0·35	0·18	0·24	0·33	0·41
Fever	0·12	0·17	0·11	0·17	0·09	0·23	...	0·02	...	0·08	0·08	0·14	...	...	...	...	0·09	0·16	...	0·03	...	0·10	...	...	...	0·11	...	0·04	0·03	0·05	0·09	0·09
Diarrhœa and Enteritis ...	2·12	0·58	1·36	0·66	1·65	0·72	...	0·38	...	0·52	1·99	0·64	...	...	...	0·23	0·70	0·11	...	0·36	...	0·12	...	0·28	...	0·42	...	0·54	0·72	0·05	1·36	0·42
Phthisis... ...	2·18	2·52	1·73	1·66	1·14	1·17	...	1·19	...	1·17	0·82	1·14	...	0·80	...	0·23	1·09	0·95	...	1·41	...	1·17	...	0·87	...	1·32	...	1·58	1·04	0·82	1·18	1·28
Other Tuber.Dis.	0·80	0·72	0·65	0·37	0·44	0·45	...	0·21	...	0·47	0·39	0·45	...	...	...	...	0·46	0·11	...	0·39	...	0·36	...	0·48	...	0·53	...	0·35	0·44	0·48	0·51	0·39
†Infant Mortality per 1,000 births	§176	159	§142	130	§156	116	§123	86	§148	115	§145	106	...	79	...	118	§94	113	§128	95	§112	99	§92	75	§124	111	§121	100	§88	73	§132	107

* Districts in regard to which figures for the ten years 1902-1911 are not available owing to alteration of Registration areas.

† The Infant Mortality Rates have been obtained after allocating to the district of fixed or usual residence of the parent those births which occurred in the lying-in hospitals of the city, namely :—Jessop Hospital for Women, and the Sheffield and Ecclesall Union Hospitals. The deaths of infants born and dying within a year of birth in these institutions have been treated in the same way.

§ Four years 1908-1911 only.

TABLE XI.—*Infant Mortality : Nett Deaths from stated causes at various Ages under 1 Year of age.*

Cause of Death.	Under 1 week.	1–2 weeks.	2–3 weeks.	3–4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year.
All Causes—Certified	336	80	70	55	541	255	215	156	191	1,358
Uncertified	11	...	...	1	12	...	2	1	...	15
Small-pox	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	1	4	10	22	37
Scarlet fever	...	...	...	...	...	...	...	...	...	...
Whooping-Cough ...	...	...	1	2	3	22	16	23	23	87
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	2	2
Erysipelas	...	2	...	...	2	...	2	...	1	5
Tuberculous Meningitis ...	...	...	...	...	...	1	4	4	4	13
Abdominal Tuberculosis	...	...	...	1	1	3	6	3	1	14
Other Tuberculous Dis....	...	...	...	...	...	3	7	2	6	18
Meningitis (*not Tuberculous*)	...	...	1	...	1	5	1	8	2	17
Convulsions	18	1	7	3	29	16	6	6	6	63
Laryngitis	...	...	...	...	...	...	...	...	1	1
Bronchitis	1	4	7	5	17	35	38	18	21	129
Pneumonia (all forms) ...	2	...	1	1	4	19	30	44	55	152
Diarrhœa ... Enteritis... ...	1	4	4	4	13	31	34	17	23	118
Gastritis	1	1	1	2	5	3	4	2	2	16
Syphilis	...	1	1	1	3	10	8	1	...	22
Rickets	...	...	...	...	...	...	...	1	2	3
Suffocation, overlying ...	5	...	6	...	11	13	6	1	...	31
Injury at birth	9	3	1	...	13	...	...	...	...	13
Atelectasis	27	8	1	3	39	4	...	...	...	43
Congenital Malformations	15	5	1	5	26	11	7	2	2	48
Premature birth ...	205	29	22	12	268	18	4	1	...	291
Atrophy, Debility and Marasmus	44	17	13	9	83	46	29	9	6	173
Other Causes	19	5	3	8	35	14	11	5	12	77

Nett Births in the year— {legitimate, 12,323 ; illegitimate, 564.

Nett Deaths in the Year of— {legitimate infants, 1,275 ; illegitimate infants, 98.

TABLE XII.—*Deaths and Death-rates per annum per 1,000 persons living from all Causes and from Specified Causes ; Persons living ; Deaths and Death-rates at Specified Age Periods during 1912.*

	Death-rates per 1,000.	All Ages.	Under 1 year.	1 and under 2 years	2 and under 3 years	3 and under 4 years	4 and under 5 years	Totals under 5 years	5 and under 10 years	10 and under 15 yrs.	15 and under 20 yrs.	20 and under 25 yrs.	25 and under 35 yrs.	35 and under 45 yrs.	45 and under 55 yrs.	55 and under 65 yrs.	65 and under 75 yrs.	75 yrs. and upwards.
Age Distribution of Population ...	...	466408	11293	10517	11477	11284	10812	55383	50579	46378	43518	39190	80342	64567	42843	26526	13340	3742
Deaths	...	*6661	1373	408	182	104	80	2147	153	101	129	125	342	498	702	875	989	599
Death-rates per 1,000 per annum ...	14 ·326	...	122 ·0	38 ·9	15 ·9	9 ·2	7 ·4	38 ·9	3 ·0	2 ·2	3 ·0	3 ·2	4 ·3	7 ·7	16 ·4	33 ·1	74 ·4	160 ·5
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	·406	189	37	73	34	14	9	167	20	1	...	...	1	...	...	...	...	...
Scarlet fever	·077	36	...	3	10	7	12	32	3	...	...	...	...	1	...	...	...	...
Diphtheria	·103	48	2	11	10	4	7	34	13	...	...	...	1	...	...	...	...	...
Whooping-cough	·413	192	87	58	27	9	6	187	4	...	...	...	...	...	...	...	1	...
Typhus fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric fever	·092	43	...	...	...	...	1	1	2	3	2	9	11	8	7	...	...	...
Puerperal fever	·043	20	...	...	...	...	...	...	...	...	...	4	10	5	1	...	...	...
Diarrhœa and Enteritis	·419	195	118	24	5	5	3	155	1	1	...	...	2	7	5	9	8	7
Pneumonia	1 ·355	630	152	97	38	12	13	312	17	11	12	15	35	45	59	43	57	24
Cancer	·798	371	...	...	...	...	...	...	...	1	1	1	15	36	77	111	100	29
Pulmonary Tuberculosis and Phthisis	1 ·280	595	8	4	2	3	3	20	12	11	38	36	115	117	147	73	24	2
Tuberculous Meningitis	·194	90	13	17	8	12	7	57	14	6	9	2	...	1	...	...	1	...
Tuberculosis of Peritoneum and Intestines	·095	44	14	6	7	2	2	31	3	2	1	1	1	...	4	...	1	...
Tuberculosis of other organs	·103	48	10	4	3	1	2	20	2	7	5	...	2	4	2	4	2	...
DISEASES OF Nervous System and organs of Special Sense	1 ·435	667	85	24	10	7	5	131	14	14	11	9	16	31	90	132	154	65
Circulatory System	1 ·604	746	5	1	1	2	...	9	5	11	17	13	34	86	93	173	212	93
Respiratory System (except Pneumonia)	1 ·488	692	135	45	16	11	5	212	6	3	4	1	4	31	46	115	166	104
Digestive System (except Diarrhœa and Enteritis)	·514	239	33	7	2	...	1	43	8	5	2	6	17	24	45	50	31	8
Non-venereal diseases of genito-urinary system	·544	253	4	1	1	1	...	7	3	1	5	3	14	32	56	58	51	23
Puerperal State (except Puerperal fever)	·054	25	...	...	...	...	...	...	...	...	2	3	14	6	...	...	...	...
Suicide	·097	45	...	...	...	...	...	...	...	...	1	3	11	8	12	5	4	1
Other affections produced by external causes	·445	*207	37	7	4	9	2	59	16	15	8	6	14	18	21	24	12	13
Other causes	2 ·766	1286	633	26	4	5	2	670	10	9	11	13	25	38	37	78	165	230

*One female—age unknown.

TABLE XIII.—*Mortality at certain age periods.*

AGES.	Death-rate per 1.000 Persons living at each age of Group.										
	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Under 1 year ...	175·8	212·3	178·9	174·4	167·0	158·9	153·3	118·4	125·8	137·8	122·0
1 and under 2 years	46·0	76·0	46·5	68·8	48·9	59·7	49·8	49·2	46·3	61·7	38·9
2 ,, 3 ,,	19·6	26·0	17·0	21·4	17·6	25·1	16·2	19·9	15·8	26·2	15·9
3 ,, 4 ,,	11·1	17·6	12·2	13·5	14·3	15·1	10·3	10·4	7·8	16·3	9·2
4 ,, 5 ,,	7·7	7·8	8·2	9·9	11·8	9·9	7·4	8·1	5·3	8·0	7·4
Total under 5 ,,	56·6	73·5	57·2	62·1	56·2	57·8	51·4	44·2	43·5	53·5	38·9
5 and under 10 ,,	3·8	3·7	3·7	3·6	4·6	3·8	3·3	3·8	3·0	3·7	3·0
10 ,, 15 ,,	2·3	1·9	2·2	1·9	2·4	2·5	1·5	1·9	1·6	2·1	2·2
15 ,, 20 ,,	2·6	2·4	2·3	2·4	2·4	2·6	2·1	2·4	2·3	2·3	3·0
20 ,, 25 ,,	3·1	2·8	3·6	3·3	2·8	2·9	3·0	2·6	2·1	3·0	3·2
25 ,, 35 ,,	4·9	5·0	5·1	4·8	4·7	4·4	4·3	4·4	4·0	4·6	4·3
35 ,, 45 ,,	10·5	10·4	10·1	9·6	9·1	9·6	9·0	8·9	8·1	9·8	7·7
45 ,, 55 ,,	18·8	19·0	16·6	16·7	17·2	18·0	16·7	16·3	15·3	17·1	16·4
55 ,, 65 ,,	36·6	35·0	36·5	32·3	36·3	37·2	35·0	35·6	34·4	33·1	33·1
65 ,, 75 ,,	74·8	74·8	79·1	73·4	78·8	80·4	81·2	85·1	77·2	76·0	74·4
Over 75 years ...	164·9	149·5	165·7	184·7	177·7	187·6	193·9	189·5	115·2	187·2	160·5
All ages	16·8	18·7	16·8	17·1	16·7	17·1	15·8	15·1	14·2	16·1	14·3

TABLE XIV.—*Cases of Infectious Disease notified during each month of the year 1912 under the Infectious Disease (Notification) Act 1889.*

DISEASES.	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	TOTALS.
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	54	38	38	32	42	53	51	43	30	44	47	73	545
Erysipelas	51	43	43	28	32	33	35	33	41	33	38	45	455
Scarlet Fever	166	102	108	102	119	148	189	144	148	173	202	153	1,754
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	39	17	15	22	14	7	10	5	3	19	9	5	165
Puerperal Fever	3	3	8	3	4	3	7	6	3	2	5	8	55
Cerebro-Spinal Fever ...	1	1	3	...	1	...	...	...	1	...	...	1	8
Poliomyelitis	...	4	12	4	2	4	3	4	4	3	...	...	40
TOTALS	314	208	227	191	214	248	295	235	230	274	301	285	3,022

TABLE XV.—*Cases of Infectious Disease notified since 1902, under the Infectious Disease (Notification) Act 1889.*

DISEASES.	NUMBER OF CASES NOTIFIED.										Average 10 years, 1902-1911.	Cases notified, 1912.
	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911		
Small-pox ...	38	59	44	4	1	...	...	...	7	...	15	...
Diphtheria ...	969	492	400	407	675	431	438	373	397	504	509	545
Erysipelas... ...	391	401	385	350	395	414	295	447	333	448	386	455
Scarlet Fever ...	1,601	2,110	2,906	3.086	4,905	2,357	1,404	1,530	1,337	1,382	2,262	1,754
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	373	345	348	320	390	209	237	177	126	251	278	165
Continued Fever ...	1	7	3	2	3	1	...	...	...	...	2	...
Puerperal Fever ...	37	38	32	38	52	42	43	51	32	43	41	55
Cerebro Spinal Fever ...	...	...	...	...	...	2	...	2	2	4	1	8
Poliomyelitis ..	...	...	...	...	...	...	...	...	...	...	...	40
Totals	3,410	3,452	4,118	4,207	6,421	3,456	2,417	2,580	2,234	2,632	3,494	3,022

TABLE XVI.—*Measles.—Mortality in Males and Females, and under certain age-periods; also Mortality Rates, 10 years, 1902—1911 and 1912.*

Years.	Deaths.	Rate per 1,000 Persons living	Deaths.		AGE AT DEATH.							
			Males.	F'males	Under 1 year.	1 and under 2 years	2 and under 3 years	3 and under 4 years	4 and under 5 years	5 and under 10 yrs.	10 and under 15 yrs.	Over 15 years
1902	185	*·45*	94	91	50	79	36	8	7	4	0	1
1903	335	*·80*	170	165	90	126	52	35	22	6	0	4
1904	33	*·08*	15	18	10	8	10	4	0	1	0	0
1905	415	*·97*	220	195	81	183	74	33	22	22	0	0
1906	75	*·17*	39	36	24	25	10	8	6	2	0	0
1907	386	*·88*	205	181	73	165	77	37	17	17	0	0
1908	108	*·24*	50	58	20	37	23	9	8	10	0	1
1909	423	*·95*	217	206	80	166	85	39	19	32	0	2
1910	118	*·26*	59	59	19	57	22	12	3	5	0	0
1911	790	*1·73*	421	369	173	321	146	83	27	38	1	1
Averages, 10 years 1902-1911	287	*·65*	149	138	62	116	54	27	13	14	0	1
1912	189	*·41*	104	85	37	73	34	14	9	20	1	1

TABLE XVII.—*Scarlet Fever.—Notifications, Percentage of Cases removed to Hospital, Deaths, and Percentage Mortality, ten years, 1902-1911, and 1912.*

Year	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	Average 10 years 1902-1911.	1912
Notified Cases of Scarlet Fever	1601	2110	2906	3086	4905	2357	1404	1530	1337	1382	2262	1754
Percentage of Cases removed	44	67	77	76	63	73	81	82	86	86	73	88
Deaths ...	58	99	88	98	229	102	39	42	34	25	82	36
Percentage Mortality	3·6	4·7	3·0	3·2	4·7	4·3	2·8	2·7	2·5	1·8	3·3	2·1

TABLE XVIII.—*Scarlet Fever.—Sickness Rate per 1,000 persons living in Registration Sub-Districts and in City, ten years, 1902-1911 and 1912.*

<table>
<tr><th rowspan="2">YEAR.</th><th colspan="13">REGISTRATION SUB-DISTRICTS.</th><th rowspan="2">CITY.</th></tr>
<tr><th>North.</th><th>South.</th><th>Park.</th><th colspan="2">Bright-side.</th><th>Atter-cliffe.</th><th>Nether Hallam.</th><th colspan="2">Upper Hallam.</th><th colspan="2">Ecclesall.</th><th>Norton.</th><th>Hills-bro'.</th></tr>
<tr><td>1902</td><td>3·37</td><td>2·68</td><td>2·09</td><td colspan="2">3·29</td><td>4·37</td><td>5·76</td><td colspan="2">1·85</td><td colspan="2">3·98</td><td>2·32</td><td>2·52</td><td>3·85</td></tr>
<tr><td>1903</td><td>4·89</td><td>4·35</td><td>8·31</td><td colspan="2">5·47</td><td>3·60</td><td>5·00</td><td colspan="2">5·11</td><td colspan="2">4·77</td><td>5·75</td><td>1·91</td><td>5·02</td></tr>
<tr><td>1904</td><td>6·81</td><td>7·21</td><td>6·77</td><td colspan="2">7·06</td><td>3·98</td><td>8·47</td><td colspan="2">8·63</td><td colspan="2">5·16</td><td>8·24</td><td>14·67</td><td>6·83</td></tr>
<tr><td>1905</td><td>5·14</td><td>6·00</td><td>3·64</td><td colspan="2">7·95</td><td>6·77</td><td>Ecclesall North.
6·72</td><td colspan="2">Ecclesall W. Cntl.
7·59</td><td colspan="2">7·65</td><td>9·36</td><td>7·97</td><td>7·22</td></tr>
<tr><td>1906</td><td>9·06</td><td>8·56</td><td>9·92</td><td>B'side West.
11·0</td><td>B'side East.
12·47</td><td>14·28</td><td>E'sall North.
11·04</td><td>E'sall W.Cntl.
8·46</td><td>E sall South.
8·18</td><td>Broom-hall.
10·20</td><td>Shar-row.
13·79</td><td>11·12</td><td>15·69</td><td>11·34</td></tr>
<tr><td>1907</td><td>3·36</td><td>3·52</td><td>4·87</td><td>5·16</td><td>4·95</td><td>5·19</td><td>6·02</td><td>4·24</td><td>8·93</td><td>3·03</td><td>4·91</td><td>6·66</td><td>6·89</td><td>5·59</td></tr>
<tr><td>1908</td><td>2·23</td><td>1·21</td><td>1·79</td><td>4·78</td><td>3·80</td><td>1·48</td><td>3·97</td><td>4·28</td><td>3·14</td><td>2·08</td><td>2·78</td><td>4·63</td><td>3·30</td><td>3·18</td></tr>
<tr><td>1909</td><td>1·47</td><td>2·15</td><td>1·86</td><td>4·17</td><td>4·22</td><td>2·54</td><td>3·82</td><td>5·04</td><td>2·95</td><td>2·18</td><td>2·54</td><td>3·63</td><td>5·93</td><td>3·43</td></tr>
<tr><td>1910</td><td>1·73</td><td>1·63</td><td>3·15</td><td>3·47</td><td>2·56</td><td>2·48</td><td>2·59</td><td>3·61</td><td>4·54</td><td>2·36</td><td>2·35</td><td>3·90</td><td>4. 25</td><td>3·00</td></tr>
<tr><td>1911</td><td>2·75</td><td>1·89</td><td>1·60</td><td>2·52</td><td>3·02</td><td>2·79</td><td>4·07</td><td>2·97</td><td>3·71</td><td>2·26</td><td>3·10</td><td>6·30</td><td>3·36</td><td>3·03</td></tr>
<tr><td rowspan="2">Average for 10 years 1902-1911</td><td>4·08</td><td>3·92</td><td>4·40</td><td>5·18</td><td>5·17</td><td>4·75</td><td>5·25</td><td>4·77</td><td>5·24</td><td>3·69</td><td>4·91</td><td>6·19</td><td>6·65</td><td>5·25</td></tr>
<tr><td></td><td></td><td></td><td colspan="2">6 yrs. only</td><td></td><td colspan="5">Six years only.</td><td></td><td></td><td></td></tr>
<tr><td>1912</td><td>4·03</td><td>2·78</td><td>3·36</td><td>3·50</td><td>4·08</td><td>1·89</td><td>6·10</td><td>2·62</td><td>4·49</td><td>2·49</td><td>4·08</td><td>7·74</td><td>5·39</td><td>3·76</td></tr>
</table>

1912 (9 months only). Handsworth—Nil. Tinsley—4·69.

TABLE XIX.—*Whooping Cough. Mortality under certain age periods since 1902.*

AGES.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	Av. for Years 1902-1911	1912.
Under 1 year ...	37	119	78	54	43	61	109	13	78	27	62	87
1 and under 2 years	17	81	33	51	28	59	83	22	65	18	46	58
2 ,, 3 ,, ...	8	34	20	9	14	21	27	9	26	5	17	27
3 ,, 4 ,, ...	7	21	12	6	9	13	13	4	9	5	10	9
4 ,, 5 ,, ...	3	5	6	5	8	5	9	4	4	3	5	6
Over 5 years ...	...	3	2	4	7	3	6	2	6	4	4	5

TABLE XX.—*Enteric Fever. Sickness Rate per 1,000 persons living in Registration Sub-Districts, 10 years 1902-1911, and 1912.*

YEAR.	REGISTRATION SUB-DISTRICTS.													CITY.
	North.	South.	Park.	Bright-side.		Atter-cliffe.	Nether Hallam.		Upper Hallam.	Ecclesall.		Norton.	Hills-bro'.	
1902	1 ·97	0 ·99	1 ·42	0 ·87		0 ·82	0 ·56		0 ·79	0 ·70		0 ·33	0 ·39	0 ·90
1903	1 ·02	1 ·00	0 ·88	0 ·89		0 ·57	0 ·94		...	0 ·59		1 ·19	1 ·03	0 ·89
1904	1 ·15	0 ·50	0 ·38	1 ·10		1 ·12	0 ·82		1 ·17	0 ·39		0 ·63	1 ·12	0 ·86
1905	1 ·02	0 ·77	0 ·26	1 ·36		0 ·52	Ecclesall North 1 ·05		Ecclesall Wst. Cntrl. 0 ·61	0 ·34		0 ·07	0 ·86	0 ·75
1906	0 ·61	0 ·66	0 ·37	B'side West 0 ·93	B side East 1 ·28	1 ·51	E'sall North 1 ·37	E sall W.Cntl 1 ·37	E'sall South 0 ·19	Broom-Hall 0 ·32	Sharrow 0 ·28	0 ·86	0 ·27	0 ·90
1907	0 ·46	0 ·55	0 ·44	0 ·48	0 ·69	0 ·73	0 ·59	0 ·59	0 ·12	0 ·22	0 ·21	0 ·13	0 ·06	0 ·47
1908	1 ·19	0 ·70	0 ·18	0 ·39	0 ·27	0 ·21	0 ·81	0 ·75	0 ·36	0 ·47	0 ·42	0 ·24	0 ·86	0 ·53
1909	0 ·51	0 ·31	0 ·46	0 ·38	0 ·38	0 ·39	0 ·47	0 ·36	0 ·26	0 ·75	0 ·14	0 ·17	0 ·12	0 ·40
1910	0 ·31	0 ·33	0 ·23	0 ·55	0 ·20	0 ·35	0 ·20	0 ·43	0 ·05	0 ·23	0 ·15	0 ·16	0 ·17	0 ·28
1911	0 ·89	0 ·70	0 ·72	0 ·60	0 ·35	0 ·52	0 ·84	0 ·51	0 ·22	0 ·41	0 ·53	0 ·51	0 ·50	0 ·55
Average for 10 years, 1902-1911	0 ·91	0 ·65	0 ·53	0 ·56	0 ·53	0 ·67	0 ·71	0 ·67	0 ·20	0 ·40	0 ·29	0 ·43	0 ·54	0 ·65
				6 yrs.only			Six years only.							
1912	0 ·67	0 ·54	0 ·53	0 ·15	0 ·52	0 ·46	0 ·33	0 ·38	0 ·20	0 ·23	0 ·27	0 ·05	0 ·21	0 ·35

1912 (9 months only). Handsworth—Nil. Tinsley Nil.

TABLE XXI.—*Enteric Fever. Cases of Sickness in each month since 1903.*

YEAR.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1903	24	19	25	19	19	13	10	29	48	66	39	34
1904	23	27	19	18	14	13	10	26	58	60	54	26
1905	29	31	21	16	21	10	13	44	53	30	23	29
1906	22	6	20	18	9	11	14	31	69	109	48	33
1907	26	7	18	18	12	16	14	13	19	36	13	17
1908	22	16	7	15	8	14	8	16	34	43	34	20
1909	19	19	10	9	9	8	5	14	30	25	19	10
1910	10	7	6	11	7	9	10	3	25	14	9	15
1911	20	25	13	12	10	10	13	14	30	21	25	58
1912	39	17	15	22	14	7	10	5	3	19	9	5

TABLE XXII.—*Enteric Fever Notifications, Deaths, and Percentage Mortality at several Age-Periods during 1912.*

	At all Ages.	AT AGES—YEARS.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.
Cases Notified ...	165	1	6	31	38	69	20	...
Deaths	43	...	1	5	11	19	7	...
Percentage Mortality	26·1	...	16·7	16·5	28·9	28·0	35·0	...

TABLE XXIII.—*Diphtheria.—Percentage Mortality in Hospital and Home-treated Cases, 1912.*

	HOSPITAL TREATED.	HOME TREATED.	TOTAL.
Cases of Sickness	416	129	545
Deaths	*24	25	49
Percentage Mortality	5·8	19·4	9·0

*2 cases treated at Royal Hospital and 2 at Royal Infirmary.

TABLE XXIV.—*Puerperal Fever. Cases of Sickness, Deaths, and Number of Births to each Death, 10 years, 1903 to 1912.*

	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Notified Cases	38	32	38	54	42	43	51	32	43	55
Deaths	19	15	22	25	23	19	20	12	14	20
No. of Births to every Death from Puerperal Fever...	744	923	595	537	614	751	665	1055	902	644

TABLE XXV.—*Tuberculous Diseases. Mortality during 10 years. 1902-1911 and 1912.*

DISEASE.	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	Average 1902 to 1911	1912
Tuberculous Phthisis and *Phthisis*	491	573	536	490	452	524	564	524	457	557	517	595
Tuberculous Meningitis	111	140	126	94	88	115	100	88	74	75	101	90
Tuberculosis of Peritoneum and Intestines	91	101	87	79	68	63	73	51	59	57	73	44
Other forms of Tuberculosis ...	57	72	48	38	48	40	48	39	36	34	46	48
Total Deaths	750	886	797	701	656	742	785	702	626	723	737	777
Death-rate per 1,000 persons living	*1·81*	*2·11*	*1·88*	*1·64*	*1·52*	*1·70*	*1·78*	*1·57*	*1·39*	*1·59*	*1·70*	*1·67*

TABLE XXVI.—*Tuberculous Diseases. Mortality in the two Sexes, 1902-1912.*

DISEASE.	1902		1903		1904		1905		1906		1907		1908		1909		1910		1911		1912	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Tuberculous Phthisis and *Phthisis*	333	158	413	160	379	157	344	146	316	136	357	167	381	183	365	159	309	148	359	198	412	183
Tuberculous Meningitis	62	49	81	59	69	57	51	43	50	38	57	58	64	36	47	41	43	31	41	34	52	38
Tuberculosis of Peritoneum and Intestines	56	35	51	50	48	39	44	35	36	32	32	31	38	35	25	26	35	24	35	22	25	19
Other forms of Tuberculosis	34	23	35	37	26	22	24	14	25	23	21	19	23	25	22	17	23	13	20	14	27	21

TABLE XXVII.—*Cases of Infectious Disease notified during the year 1912.*

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES NOTIFIED IN EACH REGISTRATION SUB-DISTRICT.															TOTAL CASES REMOVED TO HOSPITAL.
	At all Ages.	At Ages—Years.																						
		Under 1.	1 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.	NORTH.	SOUTH.	PARK.	BRIGHTSIDE WEST.	BRIGHTSIDE EAST.	ATTERCLIFFE.	HANDSWORTH.	TINSLEY.	HILLSBRO'.	ECCLESALL NORTH.	ECCLESALL WEST CENTRAL.	ECCLESALL SOUTH.	BROOMHALL.	SHARROW.	NORTON.	
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera (C) Plague (P)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous croup)	545	9	179	252	65	34	6	...	38	42	27	59	26	51	...	3	39	48	58	59	36	30	29	416
Erysipelas	455	25	24	39	51	127	153	36	46	33	35	32	31	67	1	3	17	45	33	53	19	22	18	...
Scarlet Fever	1754	13	514	1092	90	43	2	...	139	67	89	164	164	119	...	20	102	221	130	207	66	106	160	1535
Typhus fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric fever	165	1	6	31	38	69	20	...	23	13	14	7	21	29	...	...	4	12	19	9	6	7	1	136
Relapsing fever (R) Continued fever (C) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal fever	55	...	...	...	13	40	2	...	7	3	3	4	6	12	...	1	...	7	2	4	3	...	3	...
Cerebro-spinal Meningitis	8	...	1	4	2	1	...	...	...	2	...	...	1	1	...	...	...	...	1	...	...	1	2	...
Poliomyelitis	40	7	25	8	...	...	...	...	2	3	2	3	4	9	...	1	2	3	1	4	2	1	3	18
Pulmonary Tuberculosis	981	6	38	179	120	368	236	34	132	80	42	74	91	106	...	4	45	107	85	76	64	47	28	323
Totals	4003	61	787	1605	379	682	419	70	387	243	212	343	344	394	1	32	209	443	329	412	196	214	244	2428

TABLE XXVIII.—*Vital Statistics of Whole District during 1912 and previous Years.*

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Un-corrected Number.	Nett.				of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.	Number.	Rate.			Number.	Rate per 1,000 Nett. Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1907	436,986	14,125	14,125	32 ·3	7,792	17 ·8	109	89	2,045	145	7,772	17 ·8
1908	441,630	14,268	14,268	32 ·3	7,364	16 ·7	129	102	2,008	141	7,337	16 ·6
1909	446,321	13,296	13,296	29 ·8	7,084	15 ·9	108	122	1,577	119	7,098	15 ·9
1910	451,065	12,664	12,664	28 ·1	6,420	14 ·2	134	140	1,604	127	6,426	14 ·2
1911	455,817	12,650	12,623	27 ·7	7,344	16 ·1	164	155	1,775	141	7,335	16 ·1
1912	466,408	12,902	12,887	27 ·7	6,666	14 ·3	159	154	1,373	107	6,661	14 ·3

NOTE.—This Table is arranged to show the gross births and deaths in the district, and the births and deaths properly belonging to it with the corresponding rates. The rates have been calculated per 1,000 of the estimated gross population.

Area of District in Acres (land and inland water)—24,353.

Total population at all ages—459,916.
Number of Inhabited Houses—98,815,
Average number of persons per house—4 ·7,
} At Census, 1911.

TABLE XXIX.

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10&under 15 years.		15&under 20 years.		20&under 25 years.		25&under 35 years.		35&under 45 years.		45&under 55 years.		55&under 65 years.		65&under 75 years.		75&under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	M.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	F.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
I. GENERAL DISEASES.																																									
1. Enteric fever	43	30	13	...	...	...	...	...	...	...	...	1	...	1	...	1	...	2	2	1	2	...	4	5	9	2	7	1	5	2	...	...	...	...	...	...	...	...	29	13	42
2. Typhus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Relapsing fever—																																									
A. Relapsing fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Mediterranean fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Malaria	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
5. Small-pox—																																									
A. Vaccinated	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Not vaccinated... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Doubtful	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Measles	189	104	85	19	18	38	35	20	14	8	6	5	4	90	77	167	14	6	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	14	8	22
7. Scarlet fever	36	19	17	...	...	1	2	6	4	3	4	6	6	16	16	32	2	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3	1	4
8. Whooping cough	192	80	112	39	48	22	36	9	18	4	5	4	2	78	109	187	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	3	5
9. Diphtheria—																																									
A. Diphtheria	48	26	22	...	2	8	3	9	1	3	1	4	3	24	10	34	2	11	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	12	14
B. Membranous laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Croup	1	1	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Influenza	62	37	25	1	1	...	1	1	...	1	...	...	...	3	2	5	...	...	...	1	...	...	1	3	2	1	8	2	4	1	7	6	6	8	6	1	...	...	34	23	57
11. Miliary fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Asiatic cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Cholera nostras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Dysentery	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	3	...	3
15. Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Yellow fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Leprosy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Erysipelas	19	10	9	3	2	...	...	...	...	...	...	...	...	3	2	5	1	...	...	...	...	...	...	1	...	1	...	3	3	2	2	...	1	...	...	...	...	...	7	7	14
19. Other epidemic diseases—																																									
A. Mumps	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. German measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Varicella	1	1	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. Other diseases included under 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
GENERAL DISEASES.—*Contd.*																																									
20. Pyæmia, septicæmia—																																									
A. Pyæmia	5	2	3	...	1	1	...	...	...	...	...	...	1	1	2	3	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	1	2
B. Septicæmia	9	7	2	1	1	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	1	...	1	...	3	...	...	1	1	...	...	...	...	...	6	1	7
C. Vaccinia...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. Glanders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Anthrax (Splenic fever) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Rabies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Tetanus	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
25. Mycoses—																																									
A. Actinomycosis	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1
B. Other mycoses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26. Pellagra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27. Beri-beri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28. Pulmonary tuberculosis (not acute)—																																									
A. Pulmonary tuberculosis	561	394	167	3	4	2	1	1	1	2	...	...	1	8	7	15	3	7	4	7	15	17	20	14	68	43	87	24	117	26	55	14	17	6	...	2	...	...	386	160	546
B. Phthisis (not defined as tuberculous) ...	22	12	10	...	...	...	1	...	...	...	...	...	...	...	1	1	...	1	...	...	1	2	...	1	...	3	4	1	2	1	4	...	1	...	...	...	...	...	12	9	21
29. Acute phthisis. Acute miliary tuberculosis—																																									
A. Acute phthisis	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
B. Acute miliary tuberculosis	11	5	6	1	...	...	...	...	...	...	1	2	...	3	1	4	...	1	...	...	...	3	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	5	7
30. Tuberculous meningitis ...	90	52	38	11	2	9	8	3	5	8	4	3	4	34	23	57	9	5	3	3	4	5	1	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	18	15	33
31. Tuberculosis of peritoneum and intestines—																																									
A. Tabes mesenterica ...	6	4	2	2	1	...	1	1	...	...	...	1	...	4	2	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other peritoneal and intestinal tubercle ...	38	21	17	6	5	3	2	3	3	2	...	1	...	15	10	25	1	2	1	1	1	...	...	1	1	...	...	...	2	2	...	...	...	1	...	...	...	...	6	7	13
32. Tuberculosis of spinal column	7	3	4	...	...	...	...	1	...	...	...	...	...	1	...	1	1	...	...	1	1	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	2	4	6
33. Tuberculosis of joints ...	10	6	4	...	...	...	...	1	...	...	1	1	...	2	1	3	...	...	...	...	...	...	...	...	1	...	...	1	1	1	1	1	1	...	...	...	...	...	4	3	7

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	Totls.
GENERAL DISEASES—*Contd.*																																							
34. Tuberculosis of other organs																																							
A. Lupus	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
B. Scrofula	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Other tuberculosis included under 34 ..	8	4	4	1	1	...	1	...	...	...	...	...	...	1	2	3	...	...	1	...	1	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	3	2	5
35. Disseminated tuberculosis	22	13	9	4	4	2	1	...	1	...	...	...	1	6	7	13	1	...	3	2	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	7	2	9
36. Rickets, softening of bones																																							
A. Rickets	10	9	1	3	...	4	1	1	...	...	...	...	...	8	1	9	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1
B. Other forms of bone softening	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37. Syphilis	28	21	7	16	6	...	...	...	...	...	...	...	...	16	6	22	1	...	1	...	...	...	...	...	1	1	...	...	...	...	1	...	1	...	...	...	5	1	6
38. Other venereal diseases—																																							
A. Soft chancre	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
B. Gonococcus infection ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1
C. Purulent ophthalmia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39. Cancer of the buccal cavity	32	30	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3	...	8	...	13	1	4	...	2	...	30	2	32
40. Cancer of the stomach, liver, etc.	117	68	49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	7	3	13	2	28	13	19	21	1	8	...	1	68	49	117
41. Cancer of the peritoneum, intestines and rectum ...	58	26	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4	...	1	7	6	10	10	6	10	1	1	1	...	26	32	58
42. Cancer of the female genital organs	42	...	42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1	...	12	...	13	...	8	...	6	...	2	...	...	...	42	42
43. Cancer of the breast ...	35	...	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	4	...	5	...	8	...	12	...	4	...	...	...	35	35
44. Cancer of the skin ...	5	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	1	1	...	...	2	3	5
45. Cancer of other or unspecified organs	82	51	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	3	2	3	3	17	6	11	8	13	8	2	3	1	...	51	31	82
46. Other tumours (situation undefined)—																																							
A. Angioma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Adenoma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Other tumours included under 46	8	5	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	1	3	1	...	...	...	...	5	3	8

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
GENERAL DISEASES.—*Contd.*																																									
47. Rheumatic fever	39	17	22	...	...	1	...	...	...	...	...	...	...	1	...	1	2	...	2	1	3	2	...	1	1	4	3	1	1	6	1	3	3	4	...	...	...	...	16	22	38
48. Chronic rheumatism, osteo-arthritis—																																									
A. Chronic rheumatism ...	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	1	...	...	...	5	5
B. Osteo-arthritis	10	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	3	...	1	2	...	...	5	5	10
C. Gout	6	4	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	1	...	1	1	...	...	4	2	6
49. Scurvy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50. Diabetes	35	17	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	2	3	1	2	3	7	4	4	6	...	...	...	...	17	18	35
51. Exophthalmic goitre ...	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	4	4
52. Addison's disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
53. Leucocythæmia, Lymphadenoma—																																									
A. Leucocythæmia (Leuchæmia)	3	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3
B. Lymphadenoma ...	5	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	2	...	...	1	...	...	...	...	...	...	...	2	3	5
54. Anæmia, chlorosis	22	8	14	1	1	...	1	...	...	...	...	...	...	1	2	3	...	1	...	...	...	...	...	...	...	1	2	2	...	2	3	3	2	3	...	...	...	...	7	12	19
55. Other general diseases—																																									
A. Diabetes insipidus ...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	2
B. Purpura	4	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	...	...	...	...	2	2	4
C. Hæmophilia	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
D. Other diseases included under 55	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
56. Alcoholism (acute or chronic)	6	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	1	1	...	...	...	...	...	...	...	3	3	6
57. Chronic lead poisoning—																																									
A. Occupational	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1
B. Non-occupational ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58. Other chronic occupational poisonings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
59. Other chronic poisonings ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals—General Diseases ...	*1951*	*1115*	*836*	*111*	*97*	*93*	*94*	*56*	*47*	*31*	*22*	*28*	*22*	*319*	*282*	*601*	*39*	*41*	*18*	*20*	*31*	*33*	*30*	*31*	*93*	*75*	*138*	*65*	*188*	*81*	*153*	*92*	*89*	*89*	*15*	*26*	*2*	*1*	*796*	*554*	*1350*

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
II. Diseases of the Nervous System and of the Organs of Special Sense.																																									
60. Encephalitis	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	2
61. A. Cerebro-spinal fever ...	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3
B. Posterior basal meningitis	2	2	...	2	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Meningitis, other forms	56	27	29	10	5	6	4	1	3	4	1	...	2	21	15	36	1	4	1	2	2	4	...	2	1	...	...	2	...	...	1	...	...	...	...	...	...	...	6	14	20
62. Locomotor ataxy	5	4	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	1	...	...	1	...	...	...	...	4	1	5
63. Other diseases of the spinal cord—																																									
A. Diseases formerly classed to "Other nervous affections"	6	4	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2	...	...	...	...	4	2	6
B. Other diseases included under 63	9	2	7	...	...	...	1	...	...	...	...	...	1	...	2	2	...	1	...	...	1	...	...	...	...	...	...	1	...	...	1	2	...	1	...	...	...	...	2	5	7
64. Cerebral hæmorrhage, Apoplexy—																																									
A. Apoplexy	67	33	34	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	1	1	11	7	7	6	6	10	8	8	...	...	33	33	66
B. Serous apoplexy and œdema of brain ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1
C. Cerebral congestion ...	3	2	1	1	...	1	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1
D. Cerebral atheroma ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
E. Cerebral hæmorrhage ...	252	123	129	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	1	...	...	...	...	1	1	3	8	19	18	45	32	38	48	16	17	...	4	122	129	251
65. Softening of brain	17	13	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	5	1	5	2	...	1	...	...	13	4	17
66. Paralysis without specified cause—																																									
A. Hemiplegia	33	12	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	5	2	5	13	...	4	1	...	12	21	33
B. Paraplegia	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	2	...	2
C. Other forms of paralysis	3	2	1	...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	2	...	2
67. General paralysis of the insane	19	12	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	4	3	7	2	...	...	1	...	...	...	...	...	12	7	19

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	Totls.
DISEASES OF THE NERVOUS SYSTEM, &c.—*Continued.*																																									
68. Other forms of mental alienation	38	19	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	2	1	3	1	4	8	2	6	7	1	...	1	...	19	19	38
69. Epilepsy	26	11	15	1	...	...	1	...	...	...	...	...	...	1	1	2	...	1	2	...	...	...	2	2	2	3	1	...	...	1	2	4	1	3	...	...	...	...	10	14	24
70. Convulsions (non-puerperal, 5 years and over)—																																									
A. Epileptiform convulsions)	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
B. Others included und. 70	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2
71. Infantile convulsions (under 5 years)—																																									
A. Convulsions, with teething	15	8	7	4	7	4	...	...	...	...	...	...	...	8	7	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other infantile convulsions	62	32	30	30	22	1	3	1	4	...	1	...	...	32	30	62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
72. Chorea	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	3
73. Hysteria, Neuralgia, Neuritis—																																									
A. Hysteria, Neuralgia, Sciatica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Neuritis...	7	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	1	...	2	...	...	...	...	...	...	2	5	7
74. Other diseases of the nervous system—																																									
A. Idiocy. Imbecility ...	4	3	1	...	...	...	...	...	...	...	...	...	1	...	1	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3
B. Cretinism	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Cerebral tumour ...	11	7	4	...	...	...	...	...	...	...	...	1	...	1	...	1	...	1	2	...	...	1	...	...	1	...	...	...	2	2	1	...	...	...	...	...	...	...	6	4	10
D. Other diseases included under 74	6	4	2	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	2	...	3	2	5
75. Diseases of the eye and the annexa	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1
76. A. Mastoid disease ...	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	2	3
B. Other diseases of the ears	8	4	4	1	...	1	1	...	1	...	...	...	...	2	2	4	...	2	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4
Totals of the Nervous System and of the Organs of Special Sense	*667*	*332*	*335*	*50*	*35*	*13*	*11*	*2*	*8*	*5*	*2*	*1*	*4*	*71*	*60*	*131*	*4*	*10*	*7*	*7*	*4*	*7*	*3*	*6*	*6*	*10*	*12*	*19*	*50*	*40*	*80*	*52*	*66*	*88*	*25*	*32*	*4*	*4*	*261*	*275*	*536*

TABLE XXX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
III. DISEASES OF THE CIRCULATORY SYSTEM.																																									
77. Pericarditis	8	4	4	...	...	...	...	...	1	...	...	...	...	...	1	1	...	1	...	...	1	...	...	...	1	...	1	1	1	...	...	...	...	...	...	1	...	...	4	3	7
78. Acute endocarditis—																																									
A. Acute myocarditis ...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2	...	2
B. Infective endocarditis ...	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	..	4	4
C. Other acute endocarditis	14	5	9	.	...	...	...	...	...	1	1	...	...	1	1	2	...	2	...	...	1	...	...	...	1	3	...	2	2	1	...	...	...	...	...	...	...	...	4	8	12
79. A. Valvular disease ...	209	85	124	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	4	2	7	4	2	8	5	11	20	9	21	21	28	18	29	10	7	...	...	85	124	209
B. Fatty degeneration of heart	48	20	28	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	2	4	6	7	8	3	6	3	6	...	...	20	28	48
C. Other organic disease of heart	301	139	162	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	2	5	1	4	3	4	5	13	23	14	20	32	36	51	54	12	17	1	1	139	162	301
80. Angina pectoris	6	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	1	...	2	...	...	...	...	...	5	1	6
81. A. Aneurysm	9	7	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	3	1	...	...	...	1	...	...	7	2	9
B. Arterial sclerosis ...	90	58	32	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	2	1	...	5	4	18	8	23	7	9	7	2	4	58	32	90
C. Other diseases of arteries	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	2
82. A. Cerebral embolism and thrombosis	36	24	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	1	2	...	4	2	12	3	5	4	...	...	24	12	36
B. Other embolism and thrombosis	7	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	...	1	...	1	1	1	...	...	2	5	7
83. Diseases of the veins—																																									
A. Phlebitis	2	1	1	1	...	...	...	...	...	...	...	...	...	1	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1
B. Varix	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Pylephlebitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. Varicocele	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
84. A. Status lymphaticus ...	3	1	2	1	2	...	...	...	...	...	...	...	...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other diseases of the lymphatic system ...	1	1	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10&under 15 years.		15&under 20 years.		20&under 25 years.		25&under 35 years.		35&under 45 years.		45&under 55 years.		55&under 65 years.		65&under 75 years.		75&under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	M.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	F.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
DISEASES OF THE CIRCULATORY SYSTEM.—*Continued.*																																									
85. Hæmorrhage; other diseases of the circulatory system—																																									
A. Functional disease of heart	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	3	...	3
B. Epistaxis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Other diseases included under 85	1	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals—Diseases of the Circulatory System	*746*	*357*	*389*	*2*	*3*	*1*	...	...	*1*	*1*	*1*	...	...	*4*	*5*	*9*	*1*	*4*	*4*	*7*	*9*	*8*	*8*	*5*	*17*	*17*	*32*	*54*	*41*	*52*	*88*	*85*	*110*	*102*	*40*	*45*	*3*	*5*	*353*	*384*	*737*
IV. DISEASES OF THE RESPIRATORY SYSTEM.																																									
86. Diseases of the nasal fossæ	1	1	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87. Diseases of the larynx—																																									
A. Laryngismus stridulus	2	1	1	1	...	...	...	...	...	...	...	...	1	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Laryngitis	7	3	4	1	...	1	1	...	1	...	1	...	...	2	3	5	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	2
C. Other diseases of larynx	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	2
88. Diseases of the thyroid body	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2
89 and 90. Bronchitis—																																									
A. Bronchiectasis, Bronchial catarrh, etc.	4	4	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	3	...	3
B. Other bronchitis ...	584	312	272	68	60	16	24	6	5	2	3	2	2	94	94	188	1	1	1	...	...	...	...	...	2	1	9	7	27	8	60	37	85	62	26	51	7	11	218	178	396
91. Broncho-pneumonia ...	274	149	125	62	46	43	28	13	16	2	4	4	5	124	99	223	3	7	1	2	1	...	2	1	...	1	2	2	4	2	1	2	6	8	5	1	...	...	25	26	51
92. A. Lobar pneumonia ...	121	81	40	8	3	1	2	1	1	...	...	...	...	10	6	16	1	...	3	1	3	2	5	1	13	4	11	4	13	6	11	6	10	6	1	4	...	...	71	34	105
B. Pneumonia (type not stated)...	235	144	91	21	12	10	13	2	5	4	2	4	...	41	32	73	5	1	2	2	3	3	5	1	10	7	19	7	22	12	15	8	17	10	5	7	...	1	103	59	162
93. Pleurisy—																																									
A. Empyema	10	7	3	...	...	2	...	...	1	1	...	...	...	3	1	4	1	...	1	...	...	1	...	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	4	2	6
B. Other pleurisy	15	8	7	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	3	...	1	1	2	1	1	2	1	1	...	...	8	6	14

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
DISEASES OF THE RESPIRATORY SYSTEM.—*Continued.*																																									
94. Pulmonary congestion, pulmonary apoplexy—																																									
A. Pulmonary apoplexy and infarction ...	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	1	1	2
B. Pulmonary œdema and congestion	23	14	9	3	1	1	...	...	2	1	1	1	...	6	4	10	2	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	1	3	3	1	...	...	8	5	13
C. Hypostatic pneumonia	15	7	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	3	2	2	2	2	1	...	...	7	8	15
D. Collapse of lung (3 months and over) ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1
95. Gangrene of the lung ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
96. Asthma	13	7	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	2	...	4	...	...	2	...	3	...	...	...	...	7	6	13
97. Pulmonary emphysema ...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	3	...	3
98. A. Fibroid disease of lung	6	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	3	...	...	...	...	...	6	...	6
B. Other diseases of respiratory system ...	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	1	1	2
Totals—Diseases of the Respiratory system	*1322*	*752*	*570*	*165*	*122*	*74*	*68*	*22*	*32*	*11*	*12*	*11*	*7*	*283*	*241*	*524*	*14*	*9*	*8*	*6*	*9*	*7*	*12*	*4*	*25*	*14*	*53*	*23*	*75*	*30*	*97*	*61*	*126*	*97*	*43*	*66*	*7*	*12*	*469*	*329*	*798*
V. DISEASES OF THE DIGESTIVE SYSTEM.																																									
99. A. Diseases of the teeth and gums	4	3	1	2	1	...	...	...	...	...	...	...	...	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
B. C. D. Other Diseases of the mouth and annexa—																																									
B. Thrush, Aphthous stomatitis	3	...	3	...	3	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Parotitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. Other diseases included under 99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	Totls.
DISEASES OF THE DIGESTIVE SYSTEM.—*Continued.*																																									
100. Diseases of pharynx. Tonsillitis—																																									
A. Tonsillitis	1	...	1	...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Ludwig's angina ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Other diseases of the pharynx	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
101. Diseases of æsophagus ...	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	1	2
102. Perforating ulcer of stomach	18	10	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	2	3	...	1	2	3	2	1	...	...	1	...	...	10	8	18
103. A. Inflammation of stomach	36	21	15	10	6	2	...	...	...	...	...	...	...	12	6	18	1	1	...	...	...	...	...	...	1	...	...	1	1	1	1	6	4	...	1	...	...	...	9	9	18
B. Other diseases of stomach	7	3	4	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	2	1	...	...	...	...	3	3	6
104 and 105. Diarrhœa and enteritis—																																									
A. Infective enteritis ...	62	25	37	18	29	4	5	1	1	1	...	...	1	24	36	60	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	2
B. Diarrhœa not returned as infective	34	15	19	11	9	1	4	1	1	...	...	...	...	13	14	27	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	1	1	...	2	...	...	2	5	7
C. Enteritis—ditto ...	46	22	24	14	16	4	3	...	1	...	3	...	...	18	23	41	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	1	1	...	...	...	4	1	5
D. Gastro-enteritis—ditto	35	15	20	8	8	1	2	...	...	...	...	...	2	9	12	21	1	...	...	...	...	...	...	...	...	...	...	...	...	3	1	2	1	2	3	1	...	...	6	8	14
E. Dyspepsia (under 2 yrs.)	4	3	1	3	1	...	...	...	...	...	...	...	...	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
F. Colic	2	...	2	...	1	...	...	...	...	...	1	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
G. Ulceration of intestines	6	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	3	...	...	1	...	...	...	...	...	...	...	3	3	6
H. Duodenal ulcer ...	6	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	1	...	1	1	...	...	...	...	...	...	5	1	6
106. Ankylostomiasis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
107. Other intestinal parasites	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
108. Appendicitis	18	12	6	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	2	...	...	1	2	2	2	1	3	...	...	1	1	...	...	...	...	...	...	...	12	6	18
109. A. Hernia	23	11	12	2	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	1	...	...	...	1	1	1	4	5	4	...	3	...	...	1	...	9	12	21
B. Intestinal obstruction	34	22	12	3	1	3	1	...	1	...	...	...	...	6	3	9	2	...	1	1	...	...	...	...	...	2	3	1	2	...	2	3	6	...	...	...	...	2	16	9	25

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & uuder 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	Totls.
DISEASES OF THE DIGESTIVE SYSTEM.—*Continued.*																																									
110. Other diseases of the intestines	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	1	2	3
111. Acute yellow atrophy of liver	3	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	1	...	...	...	2	1	3
112. Hydatid of liver	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2	...	2
113. Cirrhosis of liver—																																									
A. Cirrhosis of liver (not returned as alcoholic)	43	29	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	7	2	8	6	7	4	5	2	...	...	...	...	29	14	43
B. Cirrhosis of liver (returned as alcoholic)	3	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	2	1	3
C. Diseases formerly classed to "Other diseases of liver and gall bladder"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
114. Biliary calculi	9	4	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	...	2	1	...	...	...	4	5	9
115. Other diseases of the liver	16	7	9	2	1	...	...	...	...	...	...	...	...	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	3	3	2	2	...	3	...	...	...	...	5	8	13
116. Diseases of the spleen—																																									
A. Infarction of spleen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other diseases of spleen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
117. Peritonitis (cause unstated)	12	8	4	1	...	...	...	...	1	...	...	1	...	2	1	3	...	1	...	1	...	...	...	...	2	1	...	...	3	...	1	...	...	...	...	...	...	...	6	3	9
118. Other diseases of the digestive system—																																									
A. Abdominal abscess, subphrenic abscess ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other diseases included under 118	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Totals—Diseases of the Digestive system	*434*	*228*	*206*	*74*	*77*	*15*	*16*	*2*	*5*	*1*	*4*	*1*	*3*	*93*	*105*	*198*	*6*	*3*	*4*	*2*	...	*2*	*4*	*2*	*11*	*8*	*22*	*9*	*26*	*24*	*31*	*28*	*22*	*17*	*7*	*4*	*2*	*2*	*135*	*101*	*236*

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
VI. NON-VENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.																																									
119. Acute nephritis	27	14	13	3	...	...	...	...	...	1	...	...	...	4	...	4	1	1	...	...	1	2	...	...	1	4	1	4	2	1	3	...	1	1	...	...	...	...	10	13	23
120. Bright's disease—																																									
A. Bright's disease as in 1901 list	157	84	73	...	1	...	1	...	1	...	...	...	...	...	3	3	1	...	...	...	...	1	1	1	2	2	9	10	21	16	23	17	19	17	7	6	1	...	84	70	154
B. Nephritis (unqualified) 10 years and over, and Uræmia	29	14	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	...	1	1	2	4	7	4	1	3	2	1	...	...	...	14	15	29
121. Chyluria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
122. Other diseases of kidney and annexa—																																									
A. Abscess of kidney ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Cystic disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Suppression of urine ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. Other diseases included under 122	5	4	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...	1	...	1	...	...	...	4	1	5
123. Calculi of the urinary passages	3	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	2	1	3
124. Diseases of the bladder ...	11	10	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	3	...	3	...	1	...	10	1	11
125. Diseases of the urethra, Urinary abscess, etc.—																																									
A. Perineal abscess ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other diseases of urethra, etc. ...	11	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	5	...	2	...	1	...	...	...	11	...	11
126. Diseases of the prostate ...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	1	...	4	...	4
127. Non-venereal diseases of male genital organs ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
128. Uterine hæmorrhage (non-puerperal)—																																									
A. Menorrhagia	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other uterine hæmorrhage	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
129. Uterine tumour (non-cancerous)	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	3	3

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10&under 15 years.		15&under 20 years.		20&under 25 years.		25&under 35 years.		35&under 45 years.		45&under 55 years.		55&under 65 years.		65&under 75 years.		75&under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	M.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	F.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
NON-VENEREAL DISEASES OF THE GENITO-URINARY SYSTEM & ANNEXA.—*Con.*																																									
130. Other diseases of the uterus—																																									
A. Disorders of menstruation (except menorrhagia)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other diseases included under 130	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
131. Ovarian cyst, tumour (non-cancerous)	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	2
132. Other diseases of the female genital organs—																																									
A. Diseases of ovary (excluding ovarian tumour)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Other diseases of female genital organs ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1
133. Non-puerperal diseases of the breast (non-cancerous)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals—Non-venereal Diseases of the Genito-Urinary System and Annexa	*253*	*143*	*110*	*3*	*1*	...	*1*	...	*1*	*1*	...	...	...	*4*	*3*	*7*	*2*	*1*	...	*1*	*2*	*3*	*1*	*2*	*5*	*9*	*13*	*19*	*30*	*26*	*39*	*19*	*30*	*21*	*14*	*6*	*3*	...	*139*	*107*	*246*
VII. THE PUERPERAL STATE.																																									
134. Accidents of pregnancy—																																									
A. Abortion	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
B. Hæmorrhage of pregnancy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Uncontrollable vomiting	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
D. Ectopic gestation ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
E. Other accidents of pregnancy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
THE PUERPERAL STATE.—*Continued.*																																									
135. Puerperal hæmorrhage ...	6	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	6	6
136. Other accidents of childbirth	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	3	3
137. Puerperal fever	20	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	10	...	5	...	1	...	...	...	...	...	...	...	...	...	20	20
138. Puerperal albuminuria and convulsions—																																									
A. Puerperal nephritis and uræmia	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	2
B. Puerperal albuminuria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
and bright's disease ...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3
C. Puerperal Convulsions...	6	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	6	6
139. Puerperal phlegmasia alba dolens, embolism, and sudden death—																																									
A. Puerperal phlegmasia alba dolens, and phlebitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Puerperal embolism and sudden death... ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
140. Puerperal insanity ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
141. Puerperal diseases of the breast	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals—Puerperal state ...	*45*	...	*45*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*2*	...	*7*	...	*24*	...	*11*	...	*1*	...	...	...	...	...	...	...	...	*45*	45

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Tctls.
VIII. DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.																																									
142. A. Senile gangrene ...	6	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	1	...	2	3	3	6
B. C. D. Gangrene, other types—																																									
B. Noma, gangrene of mouth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Noma pudendi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. Other gangrene ...	2	1	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1
143. Carbuncle, Boil	4	2	2	1	1	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	1	2
144. Phlegmon, Acute abscess—																																									
A. Phlegmon	6	4	2	1	1	...	...	...	...	1	...	...	...	2	1	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	2	1	3
B. Acute abscess	4	4	...	2	...	...	...	...	...	1	...	...	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
145. Diseases of the integumentary system—																																									
A. Ulcer, Bedsore	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1
B. Eczema	4	3	1	3	1	...	...	...	...	..	...	...	...	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Pemphigus	3	2	1	2	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1
D. Other diseases of integumentary system ...	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	1	2
Totals—Diseases of the Skin and of the Cellular Tissue ...	*32*	*20*	*12*	*10*	*3*	...	...	...	...	*2*		...	...	*12*	*3*	*15*	*1*	...	...	...	...	...	...	...	...	...	...	...	*2*	*1*	*2*	*4*	*2*	...	*1*	*2*	...	*2*	*8*	*9*	*17*
IX. DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION—																																									
146. Diseases of the bones ...	10	8	2	1	...	1	...	1	...	1	1	...	...	4	1	5	1	...	1	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	4	1	5
147. Diseases of the joints ...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3
148. Amputations	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149. Other diseases of locomotor system	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1
Totals—Diseases of the Bones & of the Organs of Locomotion...	*14*	*11*	*3*	*1*	...	*1*	...	*1*	...	*1*	*1*	...	...	*4*	*1*	*5*	*1*	...	*2*	...	*2*	...	...	...	*1*	...	...	*1*	...	*1*	*1*	...	...	...	...	...	...	...	*7*	*2*	*9*

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	Totls.
X. MALFORMATIONS.																																									
150. Congenital malformations—																																									
A. Congenital hydrocephalus...	5	3	2	2	2	1	...	...	...	...	...	...	...	3	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Phimosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Congenital malformation of heart	22	12	10	11	7	...	2	1	...	...	...	...	...	12	9	21	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
D. Other congenital malformations	27	12	15	12	14	...	...	...	1	...	...	...	...	12	15	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals—Malformations... ...	*54*	*27*	*27*	*25*	*23*	*1*	*2*	*1*	*1*	...	...	...	...	*27*	*26*	*53*	...	...	...	...	...	...	...	*1*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*1*	*1*
XI. DISEASES OF EARLY INFANCY.																																									
151. A. Premature birth ...	291	158	133	158	133	...	...	...	...	...	...	...	...	158	133	291	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Infantile atrophy, debility and marasmus	173	95	78	95	78	...	...	...	...	...	...	...	...	95	78	173	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Icterus neonatorum ...	3	...	3	...	3	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. Sclerema and œdema neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
E. Want of breast milk ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
152. Other diseases peculiar to early infancy—																																									
A. Diseases of umbilicus, etc.	3	2	1	2	1	...	...	...	...	...	...	...	...	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
B. Atelectasis	43	26	17	26	17	...	...	...	...	...	...	...	...	26	17	43	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Injuries at birth ..	13	7	6	7	6	...	...	...	...	...	...	...	...	7	6	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. Cyanosis neonatorum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
153. Lack of care	8	4	4	4	4	...	...	...	...	...	...	...	...	4	4	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals—Diseases of Early Infancy	*534*	*292*	*242*	*292*	*242*	...	...	...	...	...	...	...	...	*292*	*242*	*534*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XXX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
XII. OLD AGE.																																									
154. Old Age—																																									
A. Senile dementia ...	16	10	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	4	3	...	1	2	10	6	16
B. Senile decay	312	125	187	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5	50	50	60	102	14	30	125	187	312
Totals—Old age	*328*	*135*	*193*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*1*	*5*	*56*	*54*	*63*	*102*	*15*	*32*	*135*	*193*	*328*
XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.																																									
155. Suicide by poison... ...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	3	3
156. Suicide by asphyxia ...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
157. Suicide by hanging or strangulation	10	9	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	2	...	2	...	...	1	1	...	...	...	9	1	10
158. Suicide by drowning ...	11	10	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	4	...	...	1	3	...	...	...	1	...	...	...	...	...	10	1	11
159. Suicide by firearms ...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	3	...	3
160. Suicide by cutting or piercing instruments ...	16	11	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	2	1	3	2	3	...	...	1	...	...	...	...	11	5	16
161. Suicide by jumping from high place	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
162. Suicide by crushing ...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2	...	2
163. Other suicides	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
164. Poisoning by food ...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
165. Other acute poisonings ...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	3	...	3
166. Conflagration	4	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	2	2	4
167. Burns (conflagration excepted)	35	14	21	3	1	3	4	1	1	4	5	...	...	11	11	22	1	2	...	1	...	...	...	...	1	2	...	1	...	1	1	2	...	...	...	...	...	1	3	10	13

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10&under 15 years.		15&under 20 years.		20&under 25 years.		25&under 35 years.		35&under 45 years.		45&under 55 years.		55&under 65 years.		65&under 75 years.		75&under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
AFFECTIONS PRODUCED BY EXTERNAL CAUSES.—*Contd.*																																									
168. Absorption of deleterious gases (conflagration excepted)	36	14	22	10	21	...	...	...	...	...	...	...	...	10	21	31	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	1	...	...	4	1	5
169. Accidental drowning ...	25	19	*6	...	...	...	...	1	...	...	...	1	...	2	...	2	4	1	2	1	1	1	...	...	1	1	3	1	2	...	1	...	2	...	1	...	...	...	17	5	22
170. Injury by firearms ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
171. Injury by cutting or piercing instruments ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
172. Injury by fall	38	28	10	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	1	...	...	...	4	...	3	1	5	...	6	2	3	3	2	4	1	...	28	10	38
173. Injury in mines and quarries	7	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	2	...	1	...	1	...	1	...	...	...	...	...	...	...	7	...	7
174. Injury by machines ...	7	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	3	...	1	...	...	...	...	...	7	...	7
175. Injury by other crushing (vehicles, railways, landslides, etc.)	33	29	4	...	...	...	...	1	...	...	...	1	...	2	...	2	2	1	4	1	1	...	2	...	2	...	5	...	6	...	3	...	1	1	1	1	...	...	27	4	31
176. Injury by animals ...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	3	...	3
177. Starvation	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
178. Excessive cold	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
179. Effects of heat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
180. Lightning	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
181. Electricity (lightning excepted)	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
182. Homicide by firearms ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
183. Homicide by cutting or piercing instruments ...	4	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	3	4
184. Homicide by other means	2	1	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1
185. Fractures (cause not specified)	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2	...	2
186. Other violence	5	3	2	1	...	...	...	...	...	...	...	...	...	1	...	1	1	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4
Totals—Affections produced by External Causes	*252*	*170*	**82*	*14*	*23*	*3*	*4*	*3*	*1*	*4*	*5*	*2*	...	*26*	*33*	*59*	*11*	*5*	*11*	*4*	*8*	*1*	*6*	*3*	*20*	*5*	*20*	*6*	*28*	*5*	*23*	*6*	*10*	*6*	*6*	*6*	*1*	*1*	*144*	*48*	*192*

* One female — age unknown.

TABLE XXIX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
XIV. ILL-DEFINED CAUSES.																																									
187. Dropsy	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1
188. A. Syncope (1 and under 70 years)...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	3	...	3
B. Sudden death (not otherwise defined)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
189. A. Heart failure (1 and under 70 years) ...	8	2	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6	1	...	...	...	...	...	2	6	8
B. Atrophy, debility, marasmus (1 and under 70 years)	14	6	8	...	...	4	7	...	...	...	...	...	...	4	7	11	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	...	...	2	1	3
C. Teething	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. Pyrexia	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
E. Other ill-defined deaths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
F. Cause not specified ..	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Totals—Ill-defined causes ...	*29*	*15*	*14*	...	...	*4*	*7*	...	...	...	...	...	...	*4*	*7*	*11*	*1*	...	...	...	*1*	...	...	...	*1*	*1*	*1*	...	*1*	...	*2*	*6*	*4*	...	...	...	...	...	*11*	*7*	*18*
GRAND TOTALS... ..	6661	3597	*3064	747	626	205	203	87	95	57	47	43	37	1139	1008	2147	80	73	54	47	66	63	64	61	179	163	291	207	441	261	517	358	515	474	214	289	37	59	2458	2055	4513

* One female — age unknown.

TABLE XXX.—*Meteorology at Sheffield during 1912.*

Week Ending.	Mean Barometer Corrected.	MEAN DAILY SUNSHINE.				MEAN DAILY TEMPERATURE.								Total Rainfall for the Week (in inches).
		Weston Park.	Attercliffe.	High Hazels.	Lodge Moor.	Dry Bulb.	Wet Bulb.	Humidity.	Grass Minimum	Soil 1 Foot.	Soil 4 Feet.	Air Maximum (Shade).	Air Minimum (Shade).	
		H. M.	H. M.	H. M.	H. M.									
Jan. 6 ...	29 ·952	0 19	0 6	0 24	0 19	42 ·8	41 ·9	94%	35 ·1	41 ·8	44 ·0	48 ·6	39 ·5	1 ·571
13 ...	29 ·817	0 46	0 46	1 13	0 51	38 ·4	37 ·7	92%	29 ·5	37 ·9	43 ·7	41 ·7	34 ·6	0 ·965
20 ...	29 ·970	...	...	...	...	36 ·6	36 ·0	94%	33 ·8	39 ·2	42 ·9	39 ·5	34 ·4	2 ·173
27 ...	29 ·890	1 55	0 49	1 38	1 31	35 ·4	34 ·6	93%	29 ·8	36 ·8	42 ·3	39 ·7	33 ·5	0 ·263
Feb. 3 ...	29 ·940	2 23	0 26	1 60	3 42	29 ·6	27 ·7	69%	19 ·2	34 ·4	41 ·4	35 ·4	24 ·6	0 ·106
10 ...	29 ·294	1 43	1 5	1 61	1 26	34 ·7	33 ·7	85%	26 ·9	33 ·2	40 ·2	40 ·0	30 ·8	0 ·614
17 ...	29 ·832	...	...	...	0 1	40 ·9	40 ·5	94%	36 ·3	36 ·5	39 ·4	44 ·8	38 ·9	0 ·546
24 ...	29 ·719	2 18	1 25	1 53	1 34	46 ·0	44 ·1	87%	37 ·5	41 ·1	40 ·0	50 ·1	40 ·2	0 ·233
Mar. 2 ...	29 ·780	3 13	2 18	2 35	2 4	47 ·4	44 ·8	82%	38 ·9	42 ·5	41 ·2	53 ·7	43 ·2	0 ·059
9 ...	29 ·485	3 12	2 2	2 18	2 48	42 ·1	40 ·3	86%	34 ·0	41 ·7	42 ·2	47 ·5	38 ·5	0 ·132
16 ...	29 ·925	1 38	1 28	1 58	2 0	43 ·9	42 ·4	89%	36 ·1	41 ·9	42 ·2	50 ·6	39 ·7	0 ·485
23 ...	29 ·217	1 44	1 26	2 2	1 43	39 ·6	38 ·3	89%	31 ·0	41 ·6	42 ·8	46 ·0	36 ·6	1 ·047
30 ...	29 ·948	5 3	4 22	4 41	4 9	47 ·7	45 ·5	81%	40 ·0	43 ·8	42 ·9	52 ·7	42 ·5	0 ·561
April 6 ...	30 ·072	3 49	2 45	3 12	2 57	47 ·6	45 ·5	85%	36 ·5	44 ·1	43 ·5	53 ·2	40 ·1	0 ·285
13 ...	30 ·159	7 7	5 53	6 38	6 0	44 ·1	41 ·2	98%	32 ·5	44 ·9	44 ·2	50 ·7	36 ·5	0 ·372
20 ...	30 ·216	6 12	5 27	7 3	6 15	48 ·8	45 ·4	79%	35 ·1	46 ·3	44 ·7	58 ·3	41 ·0	0 ·020
27 ...	30 ·304	9 2	8 10	9 51	9 17	51 ·7	46 ·9	71%	36 ·1	49 ·2	45 ·5	60 ·3	42 ·0	...
May 4 ...	30 ·110	2 27	1 35	3 9	2 7	48 ·3	44 ·0	71%	33 ·6	47 ·4	46 ·1	54 ·1	40 ·1	0 ·200
11 ...	30 ·085	3 43	2 8	3 42	2 31	56 ·5	53 ·6	82%	45 ·9	51 ·1	46 ·6	63 ·7	49 ·7	0 ·125
18 ...	29 ·879	6 45	5 32	5 50	5 36	52 ·4	48 ·5	74%	40 ·1	53 ·1	48 ·2	59 ·1	45 ·4	0 ·523
25 ...	29 ·941	3 1	2 18	3 15	2 28	50 ·1	47 ·1	81%	39 ·6	51 ·2	49 ·0	55 ·9	43 ·8	2 ·272
June 1 ...	29 ·951	4 9	3 24	4 18	3 48	53 ·6	50 ·8	82%	42 ·1	52 ·3	49 ·2	61 ·1	47 ·3	1 ·040
8 ...	29 ·602	1 31	1 1	1 49	1 39	51 ·6	50 ·7	94%	45 ·3	52 ·3	49 ·8	58 ·6	47 ·4	1 ·672
15 ...	29 ·854	6 20	4 55	5 34	5 59	55 ·7	52 ·9	84%	42 ·3	53 ·9	50 ·2	62 ·3	48 ·4	0 ·376
22 ...	29 ·891	5 9	3 46	4 21	4 39	58 ·5	55 ·1	80%	48 ·1	56 ·7	51 ·1	66 ·6	51 ·8	0 ·545
29 ...	29 ·826	5 46	4 26	5 12	4 50	57 ·6	55 ·0	87%	48 ·7	59 ·0	52 ·5	65 ·5	52 ·2	0 ·745
July 6 ...	30 ·038	1 14	0 39	1 13	0 35	55 ·6	53 ·8	89%	41 ·9	57 ·1	53 ·6	60 ·6	50 ·8	0 ·495
13 ...	29 ·959	5 47	4 40	5 34	4 9	62 ·9	59 ·1	78%	50 ·9	59 ·2	53 ·9	71 ·6	35 ·1	0 ·845
20 ...	30 ·076	5 12	4 0	4 55	5 32	60 ·5	58 ·0	85%	52 ·1	62 ·1	55 ·2	69 ·4	54 ·2	0 ·765
27 ...	29 ·071	1 42	1 13	1 25	0 54	57 ·4	56 ·2	92%	52 ·3	58 ·5	55 ·8	65 ·7	53 ·9	2 ·572
Aug. 3 ...	29 ·608	4 8	2 32	3 25	2 55	55 ·4	52 ·4	81%	47 ·6	58 ·6	55 ·9	60 ·7	49 ·9	1 ·445
10 ...	29 ·464	2 57	2 24	3 1	2 12	54 ·8	52 ·7	88%	47 ·3	57 ·1	55 ·7	61 ·7	49 ·9	1 ·418
17 ...	29 ·845	1 52	1 1	1 37	1 1	55 ·6	53 ·4	86%	44 ·9	55 ·6	55 ·4	59 ·9	49 ·4	0 ·282
24 ...	29 ·695	2 34	1 20	1 52	1 32	55 ·5	53 ·1	84%	47 ·2	56 ·9	55 ·1	61 ·0	49 ·6	1 ·486
31 ...	29 ·654	2 51	1 44	2 11	2 7	57 ·4	52 ·5	79%	45 ·9	56 ·0	55 ·1	60 ·5	49 ·0	1 ·572
Sept. 7 ...	29 ·966	5 10	3 53	4 17	4 24	54 ·6	50 ·5	74%	43 ·2	55 ·5	55 ·0	58 ·7	47 ·7	0 ·425
14 ...	30 ·252	2 9	2 29	1 19	2 8	51 ·0	48 ·9	85%	42 ·1	52 ·9	54 ·4	55 ·7	45 ·7	0 ·117
21 ...	30 ·390	4 1	1 23	2 44	3 31	53 ·4	50 ·4	80%	43 ·9	54 ·0	53 ·9	59 ·9	48 ·1	...
28 ...	30 ·326	2 28	2 13	3 27	2 29	49 ·0	46 ·4	83%	37 ·4	51 ·3	53 ·4	56 ·5	43 ·1	0 ·080
Oct. 5 ...	29 ·940	3 44	2 18	3 26	3 22	48 ·1	45 ·4	81%	35 ·9	49 ·8	52 ·7	53 ·6	40 ·8	0 ·567
12 ...	30 ·287	4 7	0 50	3 56	4 59	49 ·2	47 ·0	85%	34 ·1	47 ·8	51 ·4	60 ·3	42 ·8	...
19 ...	30 ·140	3 3	1 27	2 29	1 24	50 ·6	47 ·6	79%	37 ·7	48 ·5	50 ·6	57 ·0	43 ·8	0 ·202
26 ...	29 ·642	1 16	0 53	1 20	1 56	41 ·2	40 ·0	91%	33 ·3	46 ·1	50 ·0	49 ·7	37 ·6	1 ·508
Nov. 2 ...	29 ·670	2 38	2 5	2 36	1 55	47 ·4	44 ·8	81%	35 ·5	45 ·9	49 ·1	51 ·1	41 ·4	1 ·132
9 ...	30 ·193	0 50	0 9	0 49	0 31	48 ·8	46 ·7	84%	40 ·1	44 ·9	48 ·3	52 ·6	44 ·1	0 ·192
16 ...	29 ·808	0 54	0 32	0 42	0 45	42 ·5	40 ·3	83%	35 ·4	44 ·3	47 ·9	46 ·1	39 ·8	0 ·638
23 ...	30 ·132	1 30	0 1	0 32	1 12	46 ·6	44 ·7	86%	36 ·3	44 ·0	47 ·2	50 ·8	44 ·1	0 ·128
30 ...	29 ·580	0 56	0 16	0 57	0 51	38 ·8	36 ·7	79%	30 ·1	42 ·8	46 ·8	43 ·1	34 ·5	1 ·308
Dec. 7 ...	29 ·956	0 4	0 2	0 10	0 5	40 ·2	39 ·0	89%	28 ·9	39 ·0	45 ·6	46 ·3	35 ·2	0 ·857
14 ...	29 ·831	0 49	0 20	0 47	0 13	45 ·6	43 ·7	86%	35 ·2	41 ·8	44 ·7	51 ·2	41 ·3	0 ·951
21 ...	29 ·791	1 8	0 17	1 16	0 33	42 ·4	40 ·5	85%	35 ·5	41 ·7	44 ·6	49 ·0	39 ·6	1 ·080
28 ...	29 ·674	0 6	...	0 1	...	43 ·6	42 ·2	89%	35 ·3	41 ·9	44 ·2	49 ·0	40 ·5	0 ·863

Sanitary Administration.

HOUSING OF THE WORKING CLASSES ACTS, 1890-1909.

2,130 dwelling-houses were inspected under and for the purposes of Section 17 of the Housing and Town Planning Act, 1909.

478 of such dwelling-houses were considered on inspection to be in a state so dangerous or injurious to health as to be unfit for human habitation, and with respect to these representations were made to the Local Authority with a view to the making of Closing Orders.

Closing orders were made and served in respect of 31 houses. 11 have been put into a fit state for human habitation, and the Closing Orders made with respect to them have been revoked, and 20 are still closed.

The following statement shows how the remaining 2,099 houses were dealt with. The total of 2,099 includes 447 of the 478 houses which were dealt with after representations had been made to the Local Authority, and also the larger number which were dealt with without the necessity for making representations :—

(*a*) 811 were renovated ; (*b*) 24 were closed voluntarily ; (*c*) 28 were demolished ; (*d*) in the case of 540 work was in progress at the end of the year ; (*e*) 1 was converted into a workshop ; and (*f*) 695 were houses with regard to which negotiations were in progress at the end of the year.

The general character of the defects found to exist was :—

Absence of efficient ventilation in back-to-back houses ; insufficient lighting ; damp walls and ceilings ; defective and perished plaster ; defective roofs ; unsanitary out-buildings ; water supply by means of stand-pipes in yards ; and defective paving.

CONVERSION OF PRIVIES INTO WATER-CLOSETS.

During the year, 1,349 privies were converted, and 117 additional water-closets were provided ; the corresponding figures for 1911 being 1742 and 141 respectively. Full particulars with regard to the work will be found in Table XXXIV.

The work done under the supervision of this sub-department represents an expenditure during the year 1912 of about £20,713, of which the Corporation's share amounted to £5,021.

The decline in the number of privies converted, as compared with the years 1906, 1907, 1908 and 1910, is due largely to the fact that a smaller number of plans was submitted by owners. Thus the number of plans for conversion work prepared by the Corporation staff was 303 in 1912, which has to be compared with 313 in 1911, 326 in 1910, 308 in 1909, 316 in 1908, 324 in 1907 and 350 in 1906. On the other hand the number of plans submitted by owners for conversion work was 267 in 1912, 335 in 1911, 365 in 1910, 398 in 1909, 445 in 1908, 562 in 1907 and 514 in 1906.

The number of sanitary conveniences at 31st December, 1912, was approximately as follows :—

(*a*) Privies with fixed receptacles	14,450
(*b*) Privies with movable receptacles (known as pail closets)	280
(*c*) Fresh water-closets	63,762
(*d*) Waste water-closets	1,300

WORK WITH REGARD TO TUBERCULOSIS.

981 new cases of Tuberculosis of the Lungs were brought to the notice of the Health Department during the year ; 22 of these cases were not notified during life.

In 8 cases the medical attendant undertook to give the necessary instructions to prevent the spread of infection.

In addition to first visits of investigation to new cases, the male Inspectors paid 1,212 periodical re-visits, 451 visits for further investigation, 318 visits for disinfection after death, 169 visits for disinfection after removal to hospital, and 186 visits with regard to cleansing of houses.

The number of rooms disinfected was 4,823. This number includes the rooms of 1,007 houses which were disinfected throughout after a death or the removal of a patient.

In 59 cases reports of structural defects were sent to the District Inspectors of Nuisances ; in 5 cases reports were made to the Cleansing Superintendent ; and 177 cases of Consumptives employed in factories and workshops were reported to the Workshops Inspector.

Most of the periodical re-visiting of the Consumptives is now being carried out by the Women Inspectors, and at the close of the year about 1,500 consumptives were being so visited.

Of the cases reported to the Workshops Inspector only 14 were found to be at work when the workshop or factory was visited. The action taken by the Workshops Inspector has been to secure cleansing and disinfection of shops where the Consumptive has worked, to give advice as to spitting, and to report structural defects so that they may be brought to the notice of the Inspector of Factories, etc.

CANAL BOAT ACTS.

The number of inspections made was 513, and the boats were as a rule found to be in fairly good condition.

There were 77 infringements of the Regulations found, affecting 54 inspections.

The nature of the infringements was as follows :—

Absence of certificate and certificate not identifying owner	25
Want of marking, lettering or numbering	43
Want of painting	5
Want of repairs	1
Cabins improperly occupied	3

The number of boats on the Sheffield register on December 31st, 1912, was 74, of which 46 were believed to be in use or available.

The number of persons found on board at the time of inspection was 1,269, or an average of about 2½ persons per boat.

The actual number of persons visiting Sheffield on canal boats during the year was 776 made up as follows :—

Males over 14 years of age	397
Females over 14 years of age	176
Children between 5 and 13 years of age	105
Children under 5 years of age	98

WOMEN INSPECTORS' WORK.

Table XXXI. shows the work done by the Women Inspectors during the year.

The figures with regard to attendances at the Baby Consultations again show an increase. The attendances for the last five years have been as follows :—

1908	2,830	1910	6,975
1909	5,322	1911	7,181
1912	9,425		

In three instances legal proceedings were taken for neglect of children, and on several occasions the Women Inspectors gave evidence in support of proceedings taken by the National Society for the Prevention of Cruelty to Children.

The Women Inspectors, as in previous years, co-operated with the School Medical Department and had to visit several cases of gross neglect reported by the School Medical Officer.

Towards the close of the year 1912 a special inspection of the children's boots and clothing at the Crofts Council School was made in co-operation with the School Medical Officer. This entailed a good deal of work.

After the end of the Corporation financial year the periodical visitation of the notified consumptives was handed over to the Women Inspectors' Department. This work had previously been carried out by the Queen Victoria District Nursing Association. In order to cope with the work the staff of Inspectors was increased by the appointment of two more women.

The following Table gives a summary of the work :—

TABLE XXXI.

Visits to Houses-let-in-Lodgings	1,767
Visits with regard to Births	36,901
Visits with regard to Tuberculosis	4,152
Visits with regard to School Complaints	266
Visits for other reasons	3,807
Cases reported to the N.S.P.C.C.	139
Cases reported to the S.Q.V.D. Nursing Association	11
Cases reported to the City Guild of Help	21
Nuisance Notices served	215
Reports to District Sanitary Inspectors and to other Departments	1,011
Special Reports to Tuberculosis Medical Officer	117
New Houses-let-in-Lodgings Registered	8
Prosecutions for overcrowding and uncleanliness *re* Houses-let-in-lodgings	10
Prosecutions for neglect of children	3
Notices served for contravention of Houses-let-in-lodgings By-laws	20
Children recommended for and subsequently sent to Country Holiday Society's Homes	22
Cases reported to the Guardians under Part I. of the Children Act	29

MIDWIVES ACT, 1902.

At the end of 1912 there were 66 midwives in practice on their own account in Sheffield.

Of the 66 practising midwives, 25 were midwives certified by examination, 5 were midwives who had had twelve months' training at a lying-in hospital but had not sat for any examination, and 36 were untrained midwives who were in bona-fide practice as such at the time of the passing of the Act.

The untrained midwives have increased by two owing to the inclusion of Tinsley in the City area.

There were 222 visits of supervision paid to the midwives during the year.

There were 54 special visits paid during the year with regard to Puerperal Fever, and 170 burial certificates were given for still-born babies in cases where a midwife was in attendance at the confinement.

According to the Rules of the Central Midwives Board notifications have to be sent by midwives under certain circumstances. 7 notifications were received as to the death of the child ; 190 notifications of still-births were received, 91 having reference to full-term births and 99 to premature births ; and 646 notifications were received that the midwife had been obliged to send for medical help.

The reasons for sending for medical help as far as can be ascertained, were as follows :—

(1) Abnormal presentations, 59, viz. :—Funis, 7 ; Transverse, 13 ; Face, 4 ; Shoulder, hand, or arm, 5 ; Breech, 9 ; Foot, 7 ; Right Occipito Posterior, 14.

(2) Causes affecting the child, 195, viz. :—Debility, 19 ; Asphyxiation, 6 ; Prematurity, 56 ; Cleft Palate, 3 ; Spina Bifida, 3 ; Convulsions, 11 ; Ophthalmia, 63 ; Jaundice, 3 ; Miscellaneous, 31.

(3) Causes affecting the mother, 392, viz. :—Placenta Prævia, 6 ; Ante-Partum Hæmorrhage, 23 ; Post-partum Hæmorrhage, 28 ; Uterine Inertia, Contracted Pelvis, and Undilated Os, 122 ; Adherent Placenta, 28 ; Adherent membranes, 9 ; Laceration of Perineum, 58 ; Rise of Temperature, 55 ; Eclampsia, 7 ; Miscellaneous, 56.

55 cases of Puerperal Fever were notified during the year. 26 of these cases were attended by midwives ; 16 were attended by medical men ; 2 were attended by a medical man and a midwife ; 5 cases occurred in connection with the practice of the Jessop Hospital (3 in the lying-in Hospital and 2 outside) ; 2 cases occurred inside Firvale Union Hospital, and 4 were due to abortions and were unattended.

Of the 26 cases which occurred in the practice of midwives, 5 cases occurred in the practice of one midwife, 3 in the practice of another, 2 in another, and 16 other midwives had single cases in their practices.

Some information was obtained during the year with regard to the prevalence of Ophthalmia Neonatorum. In 66 cases midwives notified suspected cases of this disease. 61 other additional unnotified cases were met with in the practice of midwives, and one in the practice of a "handy-woman," as the result of visitation by the Inspectors.

In addition to the foregoing 41 other supposed cases of Ophthalmia occurring in the practice of medical men came to the knowledge of the Department.

Out of the 169 cases mentioned, 107 were slight, and 62 were severe. 2 babies are known to have lost the sight of one eye. In the case of many others the sight was damaged.

One woman was prosecuted for continuing to practice when she was not on the Roll. She was bound over under a penalty of £10 to discontinue practising.

BLACK SMOKE NUISANCE.

Proceedings were taken in 10 cases as follows :—1 Steel Manufacturer, 5 Colliery Owners, 1 Brewer, 1 Hay and Straw Dealer and 2 Haulage Contractors. The Results of the proceedings were as follows :—In 4 cases—orders and costs ; in two cases—£26 and £18 respectively ; and in other four cases—£11, £5, £1 and 10s. respectively, and costs.

In 1904 a system was started at the request of the Sheffield Manufacturers' Association, of serving informal intimation notices immediately after the excessive emission of smoke was noticed, with the object of enabling the manfacturer to deal with the matter at once.

The number of such intimation notices served year by year has been as follows :—
1904, 123 ; 1905, 394 ; 1906, 395 ; 1907, 351 ; 1908, 278 ; 1909, 220 ; 1910, 146 ; 1911, 181 ; 1912, 261.

This practice has been an advantage in getting smoke nuisances abated more promptly, and in reducing the number of prosecutions.

FACTORY AND WORKSHOP ACT.

Eleven new workshops were added to the register, and 13 were crossed off. Of the 13 crossed off, 3 were converted into factories by the introduction of mechanical power, 5 were file-cutting shops transferred to the charge of H.M. Inspector of Factories by reason of the adoption of lead beds instead of tin beds, 4 were file-cutting shops which were closed, and 1 was a bakehouse which was demolished.

The work done in answer to Notices is shown in Table XXXV.

The following additional work was done as the result of interviews with Owners :—

Reconstruction of drains	6
Substitution of pedestal closets for trough closets	10
Improved ventilation of w.c.'s and lavatories	11
Additional w.c.'s provided	35
Improvements in ventilation and lighting	7
Other sanitary defects dealt with	3

The visits paid to homeworkers during the year numbered 169.

There was one prosecution for failing to comply with a notice to provide sanitary conveniences, an order being made without penalty.

Proceedings were taken against 47 firms for failure to send in lists of Outworkers, and fines in all of £12 0s. 6d. were imposed.

The Rag Flock Act came into force on July 1st, 1912. Four samples were taken during the year. Proceedings were ordered with respect to one sample which failed to reach the standard, but were subsequently withdrawn.

OFFENSIVE TRADES.

The following list gives the number of premises where offensive trades were carried on and the number of visits paid :—

	Premises.	Visits paid.
Blood Driers	1	19
Bone Crushers	2	45
Fellmongers	1	4
Hide and Skin Markets	2	92
Horn Slcughers	1	39
Grease Manufacturers	1	13
Gut Dressers	4	94
Tallow Melters	1	18
Tripe Dressers	21	206

During the year one Tripe Dresser's place was demolished, and another is now used for other purposes. Two Tripe Dressers' places have not been used for the purpose of the trade—one for over seven years and the other for three years. The Fellmonger's place was voluntarily closed by the owners during the year.

SLAUGHTERHOUSES.

According to the Town Improvement Clauses Act, 1847, every existing slaughterhouse had to be registered. The earliest register which the Corporation possesses is dated 1865, and contains entries of 37 slaughterhouses which are still in existence. In addition to these there are 10 private slaughterhouses which the owners claim to have been registered, but of which there is no evidence of registration. There are also nominally 35 slaughterhouses belonging to the Corporation, which are practically always let.

The following list shows the number of slaughterhouses in the City at December 31st, 1912 :—

No. of Slaughterhouses belonging to the Corporation and in use previous to 1865	35
No. of slaughterhouses in use previous to 1865, of which there is no evidence of registration	10
No. of Slaughterhouses on the Register drawn up in 1865 under the Town Improvement Act, 1847	37
No. of Slaughterhouses licensed under the Public Health Act, 1875	18
No. of Slaughterhouses licensed annually under the Sheffield Corporation Act, 1890	75
No. of horse slaughterhouses licensed	1
Total No. of slaughterhouses on the Register	176

No. of Visits to Slaughterhouses	2,829
No. of Visits to Market Places and Shambles	1,852
No. of Visits to Shops and Stores	1,374

During the year 10 changes of occupation of slaughterhouses took place.

Owing to the removal of the licensee one slaughterhouse licensed under the Public Health Act, 1875, was improved and an annual licence under the local Act of 1890 was granted to the new occupier.

One annually licensed slaughterhouse was voluntarily closed by the owner and is now used as a workshop.

Seven slaughterhouses in the above list have not been used for slaughtering purposes—four for twelve years ; one for six years ; one for three years, and the other one for two years.

GENERAL SANITARY WORK.

TABLE XXXII.—*Summary of Work done by Inspectors of Nuisances during 1912.*

Details of Work Done.	No. 1 District.	No. 2 District.	No. 2a District.	No. 3 District.	No. 4 District.	No. 5 District.	Totals.
(1) Premises visited on account of Nuisances	1,148	1,285	330	1,361	1,656	1,388	7,168
(2) Premises where Smoke test applied to Drains ...	466	310	53	246	207	279	1,561
(3) Premises where Water test applied to drains ...	472	545	166	282	408	424	2,297
(4) Premises where Colour test applied to drains ...	114	83	32	101	40	121	491
(5) Visits to work in progress	2,909	3,792	1,423	6,640	4,434	4,280	23,478
(6) Miscellaneous Visits ...	1,457	2,097	1,225	4,596	4,621	3,221	17,217
(7) Interviews with Owners	200	411	61	639	379	337	2,027
(8) Nuisances abated ...	657	748	213	1,213	1,146	812	4,789
(9) Houses inspected under the Housing Acts ...	86	173	1	779	500	580	2,119
(10) Houses renovated under the Housing Acts ...	39	110	...	457	285	210	1,101
(11) Houses closed under the Housing Acts	...	...	...	44	22	7	73
(12) Houses Demolished under the Housing Acts ...	...	11	...	20	21	43	95
(13) Visits for Zymotic Diseases	334	673	217	637	670	1,072	3,603
(14) Visits for Disinfection of Premises	242	502	143	431	381	700	2,399
(15) Visits to Milkshops ...	127	199	144	251	456	1,038	2,215
(16) Visits to Butchers' Shops	...	...	...	9	...	...	9
(17) Notices served— (*a*) Statutory ...	207	299	75	534	778	287	2,180
(*b*) Informal	438	989	128	745	509	364	3,173
(18) Proceedings ordered ...	24	1	...	73	3	20	121
(19) Proceedings taken ...	2	1	...	12	2	1	18

TABLE XXXIII.—*Disinfecting Station. Summary of Work during 1912.*

Number of Articles.	Description.	Number of Articles.	Description.	Remarks.
3,311	Beds	5,813	Pillows	These articles were brought in from 2,700 private houses, and from 478 public institution cases.
920	Bed Hangings	5,569	Pillow Cases	
3,204	Bed Slips	3,549	Sheets	
5,726	Blankets	1,141	Carpets	
3,502	Bolsters	2,429	Articles of Men's Clothing	
3,339	Bolster Cases	1,545	,, Women's ,,	
3,936	Counterpanes	2,906	,, Childrens' ,,	
2,495	Mattresses	6,557	Various Articles	

TABLE XXXIV.—*Conversion of Privies into Water Closets.*

Years.	Number of Notices Served to Convert.	Number of Notices to provide Additional Accommodation.	Number of Premises where Work has been Completed.	Number of Houses Involved.	Number of Workshops Involved.	Number of Privies Converted by Owners and by the Corporation.	Number of Additional Water Closets erected by Owners and by the Corporation.	Cost of Conversions executed by the Corporation.	Cost of Additional Closets erected by the Corporation.	Contributions to Owners in lieu of $\frac{1}{3}$rd Cost of Conversions.	Net Expenditure by Corporation, being $\frac{1}{3}$rd cost or in lieu of $\frac{1}{3}$rd cost of Conversions.
								£	£	£	£
1890-1901	1,426	857	949	7,855	378	2,900	1,298	...	...	...	11,454
1902	565	167	279	2,181	97	918	262	9,601	2,944	1,134	3,984
1903	452	154	451	2,994	104	1,329	339	11,176	2,764	1,674	5,257
1904	676	182	496	3,282	89	1,547	319	10,497	2,016	2,400	5,916
1905	708	233	638	4,034	79	1,947	390	12,914	2,538	3,271	8,027
1906	950	211	710	4,445	100	2,313	422	11,381	2,374	3,956	6,796
1907	880	378	751	4,530	95	2,296	403	11,457	1,729	4,223	8,000
1908	908	238	688	3,952	59	2,082	302	11,103	1,514	4,050	7,789
1909	744	145	559	3,009	26	1,710	195	11,047	1,213	2,612	6,276
1910	482	69	607	3,294	59	1,955	226	14,389	1,441	3,371	8,180
1911	569	78	557	2,453	11	1,742	141	10,621	604	2,324	5,848
1912	453	58	482	2,321	25	1,349	117	12,414	997	2,228	6,364

Net Expenditure to 25th March 1913, out of borrowed money	£72,437
Amount raised in the Rate since the beginning of the Conversion Scheme	11,454
Total	£83,891
Unexpended borrowing power at 25th March, 1913	£57,562

N.B.—The figures given in the last four columns of the table are taken from the Abstract of Accounts of the City Treasurer. They refer to the financial year ending 25th March—3 months later than the year to which the other figures refer.

TABLE XXXV.—*Factories, Workshops, Workplaces and Homework.*

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries) ...	556	15	1
Workshops (including Workshop Laundries) ...	1,367	41	...
Workplaces (other than Outworkers' premises included in Part 3 of this Table)	5	...	...
TOTALS	1,928	56	1

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars.	Number of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector.	
Nuisances under the Public Health Acts :—*				
Want of cleanliness	49	49	...	...
Want of ventilation	11	11	...	...
Overcrowding	8	8	...	...
Want of drainage of floors	...	...	...	...
Other nuisances	32	32	...	...
Sanitary accommodation: insufficient...	5	4	...	...
Sanitary accommodation: unsuitable or defective ...	20	19	...	...
Sanitary accommodation: not separate for sexes ...	2	2	...	...
Offences under the Factory and Workshop Act :—				
Illegal occupation of underground bakehouse (s. 101)	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	1	1	...	...
Other offences ... ... (Excluding offences relating to outwork, which are included in Part 3 of this Report).	6	6	...	...
TOTALS	134	132	...	...

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*Including those specified in Sections 2, 3, 7 and 8 of the Factory and Workshop Act as remediable under the Public Health Acts.

XXXV.—*Continued.*

NATURE OF WORK.	OUTWORKERS'					
	Lists received from Employers.					
	Sending twice in the year.			Sending once in the year.-		
	Lists.†	Outworkers.†		Lists.	Outworkers.	
		Contractors.	Workmen.		Contractors.	Workmen.
Wearing Apparel—						
(1) making, &c.	134	553	47	4	10	...
(2) cleaning and washing	...	...	...	...	...	...
Household Linen	...	...	...	...	...	...
Lace, lace curtains and nets	1	...	2	...	...	...
Curtains and furniture hangings	...	...	...	...	...	...
Furniture and upholstery	10	16	4	1	...	5
Electro-plate	184	2578	62	4	7	...
File making	136	32	2860	1	...	4
Brass and brass articles	...	...	...	...	...	...
Fur pulling	...	...	...	...	...	...
Cables and chains	...	...	...	...	...	...
Anchors and grapnels	...	...	...	...	...	...
Cart gear	...	...	...	...	...	...
Locks, latches and keys	...	...	...	...	...	...
Umbrellas, &c.	...	...	...	...	...	...
Artificial flowers	...	...	...	...	...	...
Nets, other than wire nets	...	...	...	...	...	...
Tents	...	...	...	...	...	...
Sacks	...	...	...	...	...	...
Racquet and Tennis Balls	...	...	...	...	...	...
Paper etc., boxes, paper bags	2	...	4	...	...	...
Brush making	...	...	...	...	...	...
Pea Picking	...	...	...	...	...	...
Feather Sorting	...	...	...	...	...	...
Carding, &c., of buttons, &c.	...	...	...	...	...	...
Stuffed Toys	...	...	...	...	...	...
Basket making	...	...	...	...	...	...
TOTALS	467	3179	2979	10	17	9

† The figures in columns 2, 3 and 4 are the *total* number of the lists received from those employers who comply strictly with the statutory duty of sending *two* lists each year and of the entries of names of outworkers in those lists.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.	Number.
Bakehouses and Confectionery	287
Tailoring and Dressmaking	972
Metal Workers	876
Wood Workers	368
Hand Laundries	9
Restaurant Kitchens	61
Miscellaneous	401
Total number of workshops on Register	2,974

3.—HOME WORK.

LISTS, SECTION 107.			OUTWORK IN UNWHOLSOME PREMISES, SECTION 108.			OUTWORK IN INFECTED PREMISES, SECTIONS 109, 110.		
Notices served on Occupiers as to keeping or sending lists.	Prosecutions.		Instances.	Notices served.	Prosecutions	Instances.	Orders made (S. 110.)	Prosecutions (Sections 109, 110).
	Failing to keep or permit inspection of lists.	Failing to send lists.						
...	...	14	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...
...	...	17	...	...	...	...	...	...
...	...	15	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	47	...	...	...	...	...	...

5.—OTHER MATTERS.

Class.		Number.
Matters notified to H.M. Inspector of Factories :—		
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ...		16
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5).	Notified by H.M. Inspector	93
	Reports (of action taken) sent to H.M. Inspector...	93
Other...		2
Underground Bakehouses (s. 101) :—		
Certificates granted during the year		...
In use at the end of the year		2

TABLE XXXVI.—*Summary of Smoke Nuisance Proceedings, during 1912, and during the previous ten years.*

Year.	Total Prosecutions.	Cases in which penalties imposed.	Cases in which orders made and costs imposed.	Cases withdrawn or dismissed.	Total penalties and costs imposed.			Average penalties and costs imposed.		
					£	s.	d.	£	s.	d.
1902	32	22	10	0	84	5	0	2	12	8
1903	22	13	6	3	42	9	6	2	4	8
1904	38	20	15	3	78	19	0	2	5	1
1905	56	34	21	1	105	12	6	1	18	5
1906	26	16	10	0	90	1	0	3	9	3
1907	55	33	20	2	108	13	0	2	1	0
1908	38	21	16	1	79	11	0	2	3	0
1909	25	9	13	3	68	16	0	3	2	7
1910	19	10	7	2	50	4	0	2	19	1
1911	5	4	1	0	11	12	6	2	6	6
1912	10	6	4	0	64	6	0	6	8	7

TABLE XXXVII.—*Details of Work done by Smoke Inspectors during 1912, and during the previous ten years.* :—

	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Number of observations upon Chimneys of each one hour...	7466	7663	7730	7813	7995	7611	7504	8441	8119	8542	7842
Average number of minutes of Black Smoke per hour ...	3·2	3·1	3·1	3·0	2·9	3·2	2·9	2·4	2·4	2·2	2·5
Number of Notices served ...	132	114	168	142	131	96	80	58	49	65	71
Number of complaints received	41	40	48	58	34	56	52	56	77	66	56
Number of New Boilers put down	27	26	20	27	28	23	6	23	7	15	18
Number of Chimneys erected ...	12	7	7	11	20	16	3	7	8	9	23
Number of Chimneys raised ...	5	7	11	15	11	10	14	12	11	24	14
Appliances or Improvements introduced	17	22	27	17	34	37	17	23	24	17	32

SALE OF FOOD AND DRUGS ACTS.

TABLE XXXVIII.—*Food and Drugs Samples purchased in pursuance of the Sale of Food and Drugs Acts, also the Number found to be Adulterated, during 1912 and the preceding nine years.*

ARTICLES PURCHASED FOR ANALYSIS.	1903		1904		1905		1906		1907		1908		1909		1910		1911		1912	
	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.
Milk	437	41	444	42	418	36	412	31	468	40	512	42	432	48	475	41	401	26	326	29
Butter Milk ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Butter	62	6	74	17	70	4	73	...	134	4	118	4	126	...	92	3	46	2	92	4
Margarine	7	...	11	...	7	...	2	...	1	...	1	...	...	...	...	...	1	...	1	...
Cream	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...
Cheese	6	...	18	5	10	2	7	...	17	...	22	...	23	...	19	...	19	...	21	...
Margarine Cheese ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lard	8	...	2	...	13	...	44	...	42	...	28	...	29	...	37	...	17	1	16	...
Bread and Butter ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Teacake and Butter	...	...	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Flour	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Whisky	32	7	50	12	62	13	60	10	44	2	19	3	20	...	48	7	21	1	28	4
Gin	3	...	...	...	8	...	45	2	33	...	5	2	8	1	26	7	17	2	23	3
Brandy	...	...	...	...	1	...	...	...	...	...	...	...	4	1	3	...	2	...	2	1
Rum	...	...	...	...	6	2	42	1	36	2	11	3	14	2	45	10	18	...	26	2
Honey	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Tea	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coffee	3	2	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
Vinegar	...	...	...	...	...	...	...	...	3	3	3	...	20	13	...	...	...	...	...	...
Pepper	3	...	10	...	7	...	4	...	3	...	10	...	27	...	40	1	19	2	42	4
Mustard	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...
Ground Ginger ...	12	...	8	...	10	...	3	...	1	...	5	...	4	...	...	...	11	...	2	...
Rice	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...
Paregoric	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...
Paregoric Substitute	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Laudanum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...
Laudanum S'bstit'te	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Lint. of Camphor ...	19	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Com. Liq. Powder...	7	1	10	1	3	...	11	1	29	1	31	...	13	...	30	2	14	2	18	...
Sweet Spirit of Nitre	20	9	39	10	37	6	10	1	31	5	23	1	28	2	16	1	14	5	16	4
Friars Balsam ...	5	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camphorated Oil ...	...	...	22	2	41	3	10	...	30	1	26	1	32	...	31	...	12	...	27	...
Arrowroot	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Olive Oil	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tincture of Iodine...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
Saffron	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
TOTALS	626	67	699	91	696	66	723	46	875	59	817	56	784	67	863	72	614	41	654	52
Perc'nt'ge of S'mpl's Adulterated ...	10·7		13·0		9·5		6·4		6·7		6·9		8·5		8·3		6·7		8·0	
Percentage of ditto for all England ...	7·9		8·5		8·2		9·3		8·1		8·5		7·5		8·2		8·7		...	

The figures given above do not correspond with those given in the Reports of the Local Government Board, because the samples certified by the City Analyst to be below the standard, but not certified to be adulterated, are not included in the columns " No. Adulterated."

TABLE XXXIX.—*The Sale of Food and Drugs Acts. Samples purchased, adulterations, and proceedings taken in 1912.*

MILK	Number of Samples purchased	326
	,, ,, found to be adulterated with water	15
	,, ,, found to be deficient in fat	14
	,, ,, found to contain a preservative	5
	Result of Proceedings.—Fines imposed—One, £10 and £2 3s. 6d. costs ; one, £5 and £1 16s. 0d. costs ; one, £5 and 13s. costs ; one, £5 and 3s. 6d. costs ; four, £5 each ; three, £2 each ; one, £1 and 8s. costs ; five, £1 each ; eight, 10s. each ; one, 7s. ; one, 5s. ; two, 4s. 6d. each. In two cases costs were imposed, respectively, £1 3s. 0d., and 17s. 6d. One case was withdrawn. In one case the defendant died pending proceedings.	
BUTTER	Number of Samples purchased.	92
	,, ,, found to be adulterated.	4
	Result of Proceedings.—Fines imposed—One, £10 ; one, £1 ; one, 10s. ; one, 3s. 6d.	
LARD	Number of Samples purchased and found to be genuine	16
CAMPHORATED OIL	Number of Samples purchased and found to be genuine	27
PEPPER	Number of Samples purchased	42
	,, ,, adulterated	4
	Result of Proceedings.—One commitment with three months' hard labour ; three cases withdrawn on payment of 3s. 6d. costs each.	
CHEESE	Number of Samples purchased and found to be genuine	21
MARGARINE	Number of Samples purchased and found to be genuine	1
WHISKY	Number of Samples purchased	28
	,, ,, found to be adulterated	4
	Result of Proceedings.—Fines imposed—Two, £1 each ; one, 14s. 6d.	
RUM	Number of Samples purchased	26
	,, ,, found to be adulterated	2
	Result of Proceedings.—Fines imposed—One, £1 ; one, 14s. 6d.	
GIN	Number of Samples purchased.	23
	,, ,, found to be adulterated	3
	Result of Proceedings.—Fines imposed—One, 14s. 6d. ; one, 10s.	
BRANDY	Number of Samples purchased	2
	,, ,, found to be adulterated	1
	Result of Proceedings.—Fine imposed—£1.	
COMPOUND LIQUORICE POWDER	Number of Samples purchased and found to be genuine	18
SWEET SPIRIT OF NITRE	Number of Samples purchased	16
	,, ,, found to be adulterated	4
	,, ,, found to be of inferior quality	3
	Result of Proceedings.—Fines imposed—One, 17s. 6d. ; one, 17s. ; one, 10s. ; one, 7s.	
GROUND GINGER	Number of Samples purchased and found to be genuine	2
COFFEE	Number of Samples purchased and found to be genuine	2
RICE	Number of Samples purchased and found to be genuine	4
SAFFRON	Number of Samples purchased	1
	,, ,, found to be adulterated	1
	Result of Proceedings.—Fine inposed—£1.	
*LAUDANUM	Number of Samples purchased and found to be genuine	5
*LAUDANUM SUBSTITUTE	Number of Samples purchased	1
*PAREGORIC SUBSTITUTE	Number of Samples purchased	1
	*The above substitutes were destitute of opium. No proceedings were taken.	

INFORMAL SAMPLES.—Twelve informal samples were taken. Three of Irish Milk, three of Butter, one of Lard, one of Whisky, one of Rum, and one of Condensed Milk were found on analysis to be genuine. One of Milk and one of Pepper were found to be adulterated.

REPORT OF THE CHIEF VETERINARY INSPECTOR FOR THE YEAR 1912.

Veterinary Staff.

During the year there was a staff of three qualified Veterinary Surgeons, occupied as follows :—In the inspection of dairies and cowsheds in the city and examining the udders of cows in the city cowsheds, or in country cowsheds from which diseased or suspected milk was sent into Sheffield ; in inspecting meat, meatshops and slaughter-houses ; in carrying out the veterinary and administrative work in connection with the Diseases of Animals Acts ; and in the veterinary supervision of the Corporation stud of horses.

Tram and other Accidents.

One case of alleged damage to a horse due to a tram accident, was investigated, and a report made to the General Manager of the Tramways. One case was also investigated, and reported upon for the Highway and Sewerage Department.

Meat and Food Inspection.

In connection with Meat Inspection 105 notifications of diseased or suspected animals or carcases were received from butchers, 15 being in respect of carcases in private slaughter-houses and 90 in respect of carcases in Slaughter-house 42 in the Killing Shambles, the slaughter-house set apart by the Health Committee for butchers to kill and dress suspected animals and carcases as the case may be. After inspection, in 53 instances, the carcases were passed as fit for human food, the diseased parts (if any) being first removed and destroyed. In 52 cases the carcases were condemned, being afterwards voluntarily surrendered by the owners for destruction. A payment of 1s. 6d. per cwt. is allowed by the Health Committee to the owners for carcases so notified, surrendered and destroyed.

The particulars of the 64¾ carcases of beef condemned during 1912 as being affected with Tuberculosis were as follows :—Ten were beasts bought by the butchers as sound animals, which when killed were found to be affected with Tuberculosis ; 16 were the carcases of cows whose milk was found to contain tubercle baccilli ; 39 were worn-out cows. Particulars with regard to all carcases condemned during the year will be found in the table which follows, but in addition, the following were also condemned and destroyed :—

(1) *Fresh Meat.*—77 beasts' offals ; 60 beasts' heads ; 15 beasts' hearts ; 200 beasts' lungs ; 110 beasts' livers ; 61 beasts' spleens ; 63 beasts' udders ; 18 carcases of pork ; 17 pigs' offals ; 15 pigs' heads ; 17 pigs' lungs ; 17 pigs' livers ; 15 pigs' spleens ; all affected with Tuberculosis ; and 18 beasts' offals ; 20 beasts' heads ; 2 beasts' hearts ; 32 beasts' lungs ; 47 beasts' livers ; 20 beasts' spleens ; 22 beasts' udders ; 25 pigs' offals ; 38 pigs' heads ; 42 pigs' lungs ; 26 pigs' livers ; 10 pigs' spleens ; 9 sheeps' offals ; 14 sheeps' heads ; 28 sheeps' lungs ; 31 sheeps' livers ; affected with other diseases or decomposing.

(2) *Preserved Food.*—14 pieces of bacon ; 4,277 tins of canned food.

(3) *Foreign and Frozen Meat.*—34 pieces of beef ; 2 bags of beef pieces ; 3 bags of beef skirts ; 1 bag of beasts' bones ; 20 beef cheeks ; 6 pieces of lamb ; 51 pounds of sheeps' plucks ; 1 barrel of pigs' trotters ; 1 barrel of pigs' guts.

(4) *Game, etc.*—73 hares ; 1 hamper of rooks ; 728 couples of rabbits.

(5) *Poultry.*—103 turkeys ; 132 ducks ; 3 geese ; 40 fowls ; 6 guinea fowls.

(6) *Fruit.*—5 pecks of currants ; 104 baskets of raspberries ; 1 bag of figs ; 15 cases of melons ; 84 pounds of tomatoes.

(7) *Vegetables.*—59 crates of lettuce ; 74 crates of onions ; 2 crates of cauliflower.

(8) *Fish.*—525 boxes, barrels, crates, etc., of various species.

The total weight condemned during the year was 44 tons 16 cwts. of meat; 18 tons 4 cwts. of fish; and 2 tons 1 cwt. of fruit and vegetables. It should be pointed out that the latter figures do not include unsound fruit and vegetables dealt with at the Wholesale Market where it is the custom of wholesale dealers to sell questionable fruit, etc., to hawkers *subject to sorting.* This custom does not appear satisfactory from any standpoint and was reported to the Health Committee in September, 1910. It still appears that the Markets Department should provide a room where this sorting could if necessary be done under supervision.

MEAT AND SLAUGHTERHOUSE PROSECUTIONS.

During the year three magistrate's orders were required for the condemnation and destruction of bad food. Three prosecutions were ordered by the Health Committee one defendant being fined £2, including costs, one £2 and costs, and one was dismissed.

One butcher was reported to the Health Committee for slaughtering on unlicensed premises when the Town Clerk was requested to send a letter of caution to the offender.

TABLE XL.—*Table showing the number of Carcases of Meat Condemned and Destroyed as being affected with Tuberculosis, and various other Diseases, and for other Causes, during* 10 *years 1903 to 1912.*

Year.	Number of Carcases of Meat condemned and destroyed affected with Tuberculosis.						Number of Carcases of Meat condemned and destroyed affected with various other diseases and for other causes.					
	Beef.	Mutton.	Pork.	Veal.	Lamb.	Goat.	Beef.	Mutton.	Pork.	Veal.	Lamb.	Goat.
1903	23	1	...	2	...	...	18½	31¾	7	64½	6	...
1904	25	...	1	1	...	...	24¾	57½	5	20	8	...
1905	22	1	1	1	...	...	31	39	10	43½	2	...
1906	42	...	...	1	...	...	37	35	2	36	4	2
1907	38	...	1	2	...	...	44	46	4	53	2	...
1908	46	...	2	1	...	...	48¼	49½	8	44	7	...
1909	58	...	1	1	...	...	42½	64	8	39	3	1
1910	57½	1	¼	1	...	...	29¼	55	6¼	47	3	...
1911	85¼	2	18	1	...	...	61¼	123	28	105	...	...
1912	64¾	...	18	...	...	...	56½	54½	18	108	5	...

DAIRY INSPECTION.

In addition to examining the udders of the milking cows in the city cowsheds, the Veterinary Inspectors inspect the sanitary conditions of the cowsheds, dairies, and milk vessels, and and take note of the cleanliness of the cows, also of the feeding and general management. In the case of poor samples of genuine milk found by chemical analysis, enquiries, sometimes of a protracted nature, are made into the principles and methods of feeding the cows, and friendly advice is given to assist the owners to improve the quality of the milk. During the year over 700 visits were made to dairy farms within the city. Four new cowsheds were built during the year, giving accommodation for 27 cows.

Tuberculosis and Milk.

The power of the Health Committee to deal with tubercular infection in milk is contained in the Tuberculous Milk Clauses of the Sheffield Corporation Act, 1900, and in the Dairies, Cowsheds, and Milkshops Amended Order of 1899. The latter only gives power over milk from cows housed in the city cowsheds; the former applies to milk sold within the city, whether produced by cows inside or outside the city.

In carrying out the executive work under these powers three kinds of samples of milk are taken: mixed, control and special. A *mixed sample* is generally one of country milk brought into the city by road or rail conveyance, but in 1912 17 mixed samples were also taken from herds of city cows for various reasons—chiefly because city cows were temporarily at grass outside the city boundaries. In one instance the mixed sample was proved to be tuberculous—the sample having been taken as a check upon a city farmer, who was afterwards prosecuted and fined £5 for knowingly selling tuberculous milk. Another city mixed sample was also found to be tuberculous, but the implicated cow had been sold before the result was known. A *control sample* is one taken to check the veterinary examination of the cows' udders when (1) in following up tuberculous mixed milks no cows can be found exhibiting signs of tuberculosis of the udder, or from the remaining cows in the herd after excluding cows with suspected udders from which special samples have been taken; (2) in city cowsheds when the cows examined approach twenty in number in any given shed, or where, owing to the cows being out at grass, it is impossible or inconvenient to examine them. A *special sample* is one taken from a cow showing some abnormal condition of the udder more or less indicative of tuberculosis.

During the year 447 samples of mixed milk coming into Sheffield by rail or road conveyances were taken for bacteriological examination, 34 of which, equal to 7·6 per cent., gave a positive result, whilst 413 were negative.

In following up the 34 tuberculous samples, 80 visits were made to 50 farms, and the udders of 685 cows examined. At 25 of these farms 29 cows with tuberculous udders were found. At the remaining 25 farms no cows with tuberculous udders were found, and subsequent control samples of the mixed milk from these farms were proved negative by bacteriological examination. In most of these instances the farmers had sold cows off the farms during the period intervening between the taking of the tuberculous mixed sample and the date of the inspection. Seventeen farms were visited because the milk sellers obtained part of their milk supplies from them. One tuberculous mixed milk came from a dairy supplied by 12 farms, each of which was visited.

The average number of cows found at the 50 farms from which tuberculous mixed samples were sent was 14, and if we allow that number for the 413 farms from which the negative mixed samples were sent, we have 5,782 cows, the milk from which was examined bacteriologically and proved negative. The total number of country cows examined, either clinically or (through their milk) bacteriologically, will thus total up to (685+5782) 6467, amongst which 29 cows with tuberculous udders were found, equal to a percentage of 0·45. If we take the percentage of 29 tuberculous udders amongst the 685 country cows clinically examined, the figures work out at 4·3 per cent.

Control Samples.—Altogether 75 control samples were taken, 43 representing 633 cows, being taken from country herds, and 32 representing 926 cows, from city herds.

Two of the country samples, equalling 4·6 per cent., and 2 of the city samples, equalling 6·2 per cent., were found to be tuberculous.

The number of cowshed premises inside the city was 221, having 373 cowsheds and accommodation for 2,800 cows, but the number of cows housed in those premises was about 2,400. Allowing each cow to be in a city cowshed eight months, it follows that about 1,200 fresh cows must be added to that number, making 3,600 in the city cowsheds to be examined during the year. The number of inspections of city cows made during the year was 7,531, and 18 cows having tuberculous udders were discovered—equal to a percentage on 3,600 of 0·5. The number of visits made by the Assistant Veterinary inspectors to the city farms was 664.

Including country cows examined 150 showed symptoms suspicious of Tuberculosis of the udder, and a sample of milk was taken from each of them for bacteriological examination. 46 proved positive, 104 giving negative results. One city cow was condemned on clinical examination alone, making a total of 47.

The 47 cows thus definitely proved to have tuberculous udders were disposed of as follows :—4 were sold by the owners and were lost sight of ; and 43 were killed, the carcases of 23 being passed as human food after the diseased parts had been first removed and destroyed, and 20 totally condemned and the carcases destroyed at the destructor or knacker's yard.

One farmer was summoned before the Health Committee to show cause why an order should not be made (Section 135 of the Sheffield Corporation Act, 1900) requiring him not to supply any milk from his dairy for consumption within the city. The Order was made but as the farmer agreed to have the tuberculous cow slaughtered it was withdrawn in a few days.

Table XLI. gives a summary of the results obtained under the Tuberculous Milk Clauses since they were first put into force in 1901 :—

TABLE XLI.—*Summary of Results obtained under the Tuberculous Milk Clauses, Sheffield Corporation Act, 1900.*

Number of samples of milk bacteriologically examined for Tubercular infection—

	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	Total.
Mixed Samples ...	—	28	66	89	68	115	175	251	184	336	358	447	2,117
Tuberculous	—	5	11	6	10	11	17	25	20	35	34	34	208
Percentage ...	—	17·8	16·7	6·7	14·7	9·6	9·7	9·9	10·9	10·4	9·8	7·6	9·8
Control Samples ...	—	1	7	11	17	8	39	62	56	100	128	75	504
Tuberculous	—	—	—	3	6	1	8	7	8	10	14	4	61
Percentage	—	—	—	27·3	35·3	12·5	20·5	11·2	14·3	10·0	11·0	5·3	12·1
Samples from cows with suspicious udders ...	7	20	31	27	29	17	188	173	236	253	159	150	1,290
Tuberculous	3	9	9	9	13	11	43	47	60	51	50	46	351
Percentage	42·8	45	29	33·3	44·8	64·7	23·4	27·1	25·4	20·1	31·4	30·7	27·2
Estimated number of cows on country farms where mixed milk samples were free from Tuberculous infection ...	—	345	2,967	2,350	1,339	1,820	4,108	3,842	2,460	5,418	5,491	5,782	35,922
Number of country cows clinically examined for Tuberculosis of the udder, in following up Tuberculous mixed samples	—	75	622	170	231	279	783	544	451	760	648	685	5,248
Tuberculous	—	2	6	1	9	10	15	13	18	29	23	29	155
Percentage	—	2·7	·96	·59	3·9	3·6	1·9	2·4	4·0	3·8	3·5	4·2	3·0
Number of City cows clinically examined for Tuberculosis of the udder	1,067	2,264	672	1,774	1,521	1,434	8,808	13,587	13,958	9,573	8,784	7,531	70,973
Tuberculous	5	7	3	8	4	2	29	34	42	22	28	18	202
Percentage	·47	·31	·45	·45	·26	·14	·8*	·9*	1·1*	0·6*	0·7*	0·5*	0·3
Disposal of cows with Tuberculous udders—													
Killed	5	9	7	7	12	11	39	45	50	46	44	43	318
Passed	2	5	4	6	9	6	26	33	37	27	20	23	198
Percentage	40	55·5	57·1	85·7	75	54·5	66·6	73·3	74·0	58·7	45·4	53·5	62·3
Condemned	3	4	3	1	3	5	13	12	13	19	24	20	120
Percentage	60	44·5	42·9	14·3	25	45·5	33·3	26·7	26·0	41·3	54·6	46·5	37·7
Sold or otherwise lost sight of	—	—	2	2	1	1	5	2	11	5	7	4	40

* Percentage on 3,600 only.

DISEASES OF ANIMALS ACTS AND ORDERS.

Anthrax.

Twenty suspected outbreaks of Anthrax were reported on premises in the city. The disease was found to exist in two cases, 2 milking cows being affected. In one instance the disease was discovered in the carcase of an animal slaughtered *in extremis* by the owner. The other animal affected died on premises in the city, and was notified by the owner. In connection with the first case, the Health Committee ordered a prosecution against the owner, the defendant being convicted and fined £5 and costs.

Parasitic Mange.

One hundred and sixty four suspected outbreaks of this disease in studs in the city were dealt with during the year. In 153 cases the existence of the disease was confirmed. Two hundred and forty-eight horses were affected. All were isolated and medically treated until cured or slaughtered. Eight hundred and thirty in-contact horses were also inspected. The Parasitic Mange Order of 1911 came into force on January 1st, 1912. In addition to notification by the owners of suspected or affected animals it is now also compulsory for veterinary surgeons to report such cases occurring in their practice. One hundred and three cases were so notified. Several were also notified by the Inspectors of the Sheffield Society for the Prevention of Cruelty to Animals, by the City Police and by the Assistant Veterinary Inspectors. Seven prosecutions were ordered for failing to isolate and notify, fines and costs amounting to £6, £4, £4, £2, £1, £1 and £1 respectively being imposed.

Swine Fever.

One hundred and fifty-seven cases of illness or death of pigs were reported during the year. In 8 cases the symptoms or post mortem appearances were suspicious of Swine Fever, and the cases were consequently reported to the Board of Agriculture and Fisheries in compliance with the Swine Fever Order. These cases were investigated by the Veterinary Inspectors of the Board, and seven were confirmed as Swine Fever. One prosecution was ordered for illegal movement of swine, the defendant being fined £5. In several other minor cases the owners were cautioned.

Swine Movement Orders.

The following summary shows the number of pigs for which movement licenses were issued during the year :—

Number of Store pigs licensed into the city	... 2,016
,, ,, fat pigs licensed to saleyards and slaughterhouses in the city	... 65,169
,, ,, fat pigs licensed from sale yards to slaughterhouses in the city	... 41,090
,, ,, fat pigs licensed to slaughterhouses outside the city	... 5,601

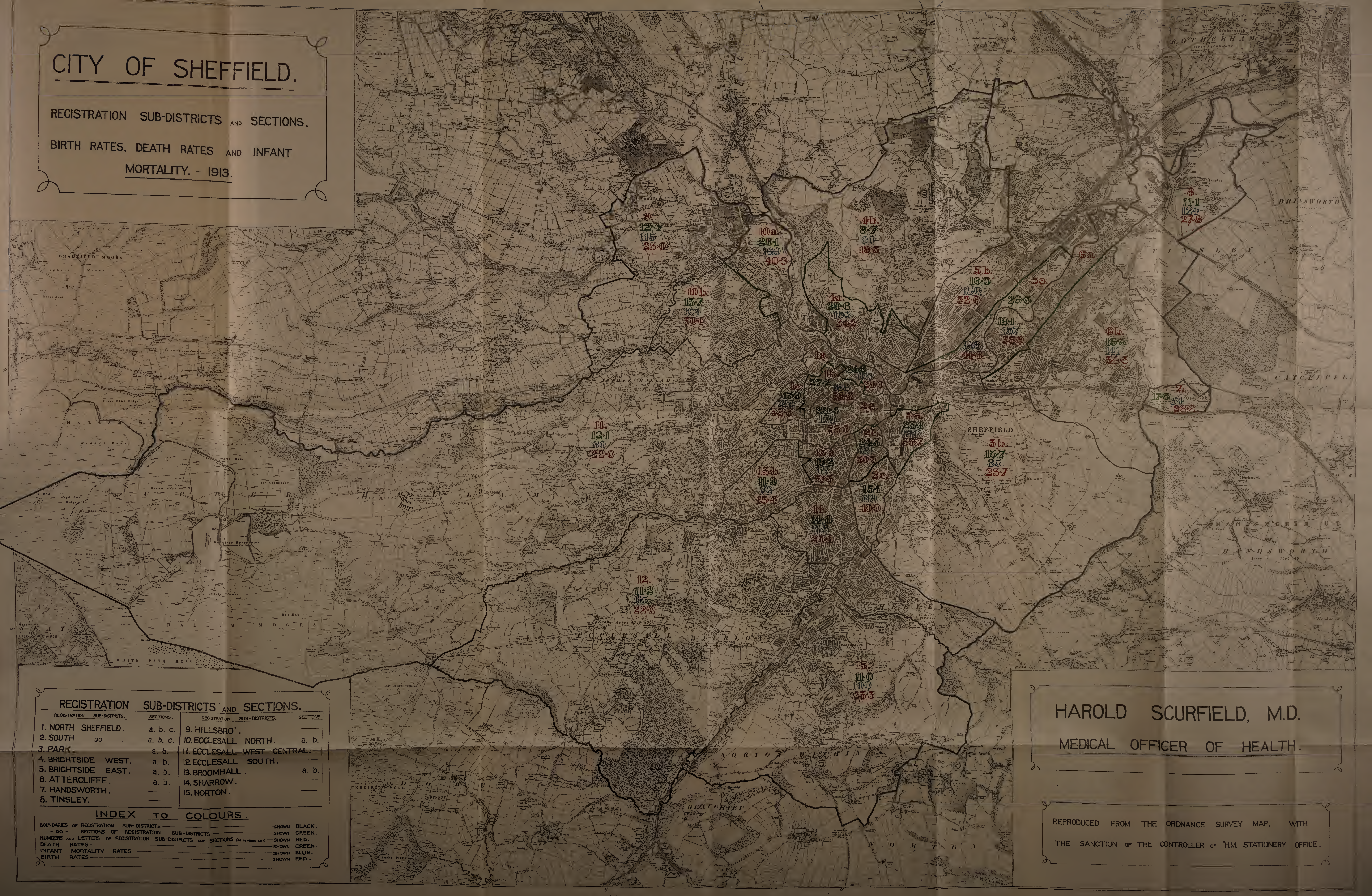
Sheep Dipping.

Nine owners of sheep complied with the Sheep Dipping (Scotland and North of England) Order of 1907. Two dipping periods are stated in the order. In the first period 363 sheep were dipped ; in the second the number of sheep dipped was 37. The latter number is explained by the fact that in August, the Board of Agriculture and Fisheries issued the Yorkshire (West Riding) and Peak District (Sheep Dipping) Order of 1912, all that portion of Sheffield lying between the Midland Railway from Chesterfield and the Great Central Railway to Penistone, being included in the Order. To comply with this Order sheep have to be dipped twice during the month of September with not less than ten days and not more than twenty-one days between the first and second dippings. Nine owners having 274 sheep complied with the Order.

CITY OF SHEFFIELD.

REGISTRATION SUB-DISTRICTS AND SECTIONS.

BIRTH RATES, DEATH RATES AND INFANT MORTALITY. – 1913.



REGISTRATION SUB-DISTRICTS AND SECTIONS.

REGISTRATION SUB-DISTRICTS.	SECTIONS.	REGISTRATION SUB-DISTRICTS.	SECTIONS.
1. NORTH SHEFFIELD.	a. b. c.	9. HILLSBRO'.	——
2. SOUTH DO .	a. b. c.	10. ECCLESALL NORTH.	a. b.
3. PARK.	a. b.	11. ECCLESALL WEST CENTRAL.	——
4. BRIGHTSIDE WEST.	a. b.	12. ECCLESALL SOUTH.	——
5. BRIGHTSIDE EAST.	a. b.	13. BROOMHALL.	a. b.
6. ATTERCLIFFE.	a. b.	14. SHARROW.	——
7. HANDSWORTH.	——	15. NORTON.	——
8. TINSLEY.	——		

INDEX TO COLOURS.

BOUNDARIES OF REGISTRATION SUB-DISTRICTS	SHOWN BLACK.
– DO – SECTIONS OF REGISTRATION SUB-DISTRICTS	SHOWN GREEN.
NUMBERS AND LETTERS OF REGISTRATION SUB-DISTRICTS AND SECTIONS (AS IN ABOVE LIST)	SHOWN RED.
DEATH RATES	SHOWN GREEN.
INFANT MORTALITY RATES	SHOWN BLUE.
BIRTH RATES	SHOWN RED.

HAROLD SCURFIELD, M.D.
MEDICAL OFFICER OF HEALTH.

REPRODUCED FROM THE ORDNANCE SURVEY MAP, WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE.

In the process of reproduction the Scale has been reduced from 6 inches to one mile to 3 inches to one mile